

Chemical Week INDEX

**Volume 74
January — June, 1954**

McGRAW-HILL PUBLISHING CO., INC.

330 West 42nd Street — New York 36, New York

A

Acetylene-high-pressure acetylene derivatives	Apr. 24	58
Acrylics-Paints-acrylics in a finish light	Jan. 9	42
Adhesives:		
Meat packers' adhesives divisions	May 1	20
Nonstarch adhesives	May 29	78
Transparent adhesive tape-five law suits	Feb. 13	24
Advertising:		
Copy control department advocated by CSMA	June 19	86
Dow Chemical launches merchandising program for plastic houseware	Mar. 20	70
Match book advertising awards	Apr. 3	50
Need to allay public resentment of cost of medicines	Apr. 17	78
Snow removal compounds slogans	Jan. 16	64
"Talking ads" phonograph records	Feb. 27	66
Aerosols:		
Canned shampoo	May 22	111
DuPont report	June 12	68
DuPont survey of consumer buying and reaction	Jan. 2	21
Fire extinguishers for home market	May 1	61
Industrial aerosols, fast-growing family	Mar. 27	72
Lab for filling and testing aerosol packages	Apr. 24	66
Mailing of aerosols approved	Apr. 24	68
Plastic-coated glass container	Apr. 24	68
Production survey by CSMA (table)	June 12	60
Age-retarding biochemical products	Mar. 6	32
Agricultural Chemicals:		
Agricultural ammonia institute	Apr. 10	10
Australia imports U.S. chemicals in drive to eradicate toxic plants	May 22	34
Calcium cyanamide for home gardeners	May 1	34
Compound evaluation at new Hercules Powder Co. lab	Apr. 24	70
Dicalcium phosphate capacity, future lies with feed formulators (charts & tables)	Jan. 9	65
Farm price-support struggle's effects on chemical concerns	June 5	11
Farm use of organic mercurials	June 12	96
Fungicidal seed disinfectants	May 10	60
Government to compile worldwide statistics on pesticides	May 1	12
Herbicide 2,4-D, banned in seven Texas counties	Apr. 17	76
Hydroponic farm in Japan	June 5	20
Hydroponic farming in Puerto Rico	May 29	77
Insecticide-treated crops yield greater	Apr. 17	76
Maleic hydrazide for tobacco spraying	Feb. 6	56
Plant growth regulator being tested	June 19	82
Radioactive carbon dioxide used in horticultural research	June 26	66
Russia's production down	Jan. 23	32
Sodium molybdate used as micronutrient for fertilizers	May 15	66
Stauffer offers chemical for control of white tip, rice disease	Mar. 20	80
Tale of chemical terror—charge that insecticides increase disease	Jan. 2	5
Air Pollution:		
Bill to offer financial incentive for air pollution control	May 1	23
Capehart proposal for air pollution section in housing bill	Apr. 10	15
Chemical industry takes lead to abate air and water pollution	Mar. 13	16
Columbus, Ohio control ordinance upheld	Jan. 16	30
Engineer, Jesse Lieberman, the man in the middle	Feb. 20	66
Kuchel pollution control bill	Apr. 3	22
Larson, Gordon, elected president of Air Pollution Control Assn.	May 8	9
Los Angeles County Bd. of Supervisors fires Gordon Larson	Jan. 2	7
Los Angeles investigation of shutdown charges against air pollution control inspectors	June 26	15
Los Angeles smog war	Feb. 13	11
Nation's drive against pollution	Jan. 23	26
Pittsburgh Coke & Chemical ventilators	Jan. 2	17
Pittsburgh Steel smoke control program	Jan. 23	62
Seattle doctors recommend city council launch educational program	June 12	7
Self-policing for industry advised by experts	May 15	22
Tax write-off to encourage measures by industry knocked out of housing bill	June 5	7
Two companies find ways to avoid tiffs	Mar. 20	11
Alcohol:		
ATTD-distiller alliance to change alcohol tax laws and regulations	Apr. 19	17
French surplus	Apr. 10	14
Government alcohol from wood-waste plant in Oregon for sale	May 22	15
Iso-octyl alcohol produced at new Gulf Oil plant	June 12	8
Polyhydric alcohol production and outlook (charts & tables)	Jan. 30	73
Aluminum:		
Harvey Machine's plan for aluminum production still blocked	Jan. 2	11
ODM decides to cancel third round of aluminum expansion program	June 19	36
American Institute of Chemical Engineers—annual meeting	Mar. 20	16

Meeting accents cost	May 29	64
National meeting	Mar. 20	104
American Institute of Chemists—meeting discusses industry-educational co-operation	May 29	26
American Management Assn.—discusses inventory maintenance	May 22	80
Highlights slated for meeting	Apr. 17	30
Ammonia:		
Capacity of ammonia in U.S.	Mar. 13	92
Iceland's plant for synthesis of ammonium nitrate	June 26	105
Kellogg, W. W. Co. process	Jan. 16	87
ODM certificates of necessity to chemical firms planning synthetic ammonia facilities	June 26	25
Partial oxidation process to make synthesis from natural gas for ammonia production	Feb. 20	62
Problems in selling to farmers	Apr. 10	10
Producers await decision on expansion goals	Mar. 6	19
Tax write-off certificates	Apr. 3	10
Antibiotics:		
Antibiotic compound for fruit trees	June 5	56
Azaserine, new tumor-inhibiting compound	Mar. 27	62
Baby food growth—stimulants investigated	Mar. 20	11
Montecini, Milan's production should swell exports	Mar. 13	18
Petition for over-the-counter sale of antibiotics in New York City	June 19	32
Tetracycline—new Pfizer entry	Feb. 6	36
Anti-freezes—Distribution problem (charts)	June 26	69
Anti-Trust Act:		
Attorney General's committee to study antitrust laws receives suggestions	May 29	30
Case of government against DuPont dismissed	Mar. 13	36
Celanese Corp. cleared	Apr. 17	19
Cellophane case against DuPont still pressed by federal government	May 8	22
Corporate partnership of E. I. duPont de Nemours & England's Imperial Chemical Industries in Canada and South America to be dissolved	Mar. 6	18
DuPont and ICI move to bisect Canadian Industries, Ltd. in compliance with antitrust judgment	May 8	15
FTC's new anti-ambiguity policy in opinions—Purcell Corp. decision	May 29	22
Settlement of government suit against Aluminum Co. of America and Aluminum Import Co.	May 15	32
TCP lawsuits	June 5	12
Asia-fertilizer requirements and nitrogen consumption rises (table)	Jan. 2	9
Atomic Energy Commission:		
AEC's Larson loses problem of atom into lap of chemical industry	June 12	11
Companies to be permitted to disclose information on uranium ore production	Feb. 27	18
Conformity no criterion, W. Alec Jordan (letter on Oppenheimer decision)	June 19	6
Congress committee report reveals success of AEC's thorium conversion work	May 8	10
Duquesne Light Co. of Pittsburgh to build first full-scale central nuclear power station	Mar. 27	50
Feed-material plant being built	Apr. 10	16
Five-year development program	Mar. 20	15
Five-year program for reactor development gets rolling	Apr. 17	50
Idaho Falls atomic furnace made available to industry on limited basis for procurement	June 5	70
Regulations for radio-isotope procurement	Feb. 6	24
Strauss's testimony before joint congressional committee—new tack in nuclear power thinking?	June 12	11
Atomic Industrial Forum—First annual conference discusses industrial use of the atom	Mar. 27	16
Atomic Power:		
AEC five-year development program	Mar. 20	15
American Inst. of Chemical Engineers meeting unveils government's five-year program	Mar. 13	11
Atomic batteries	Feb. 20	96
Atomic Industrial Forum stresses generation of electricity from nuclear sources	June 5	7
Bill to clear way for civilian atomic industry	May 1	17
Congressman Cole's position on atomic energy patents	May 22	16
Controls for radioactive chemicals	May 22	58
Convert nuclear radiation into electricity with new device from RCA	Feb. 6	48
Duquesne Light & Power of Pittsburgh to build first full-scale plant to produce electric power for utility use	Mar. 20	12
General Electric abandons pessimistic view toward future of nuclear power industry	June 5	7
Glass block insulation for General Electric's new atomic engine test center	June 19	62
Great Britain's atomic production for peace	Jan. 30	66
Great Britain's plutonium plant completed	Jan. 23	22
H-bomb survival plans for chemical industry	Apr. 17	17
Industrial uses discussed at Atomic Industrial Forum conference	Mar. 27	16

Industry demands fair shake in bill to permit private firms to operate atomic plants	May 22	19
Issues of private participation in atomic power	May 29	9
Midjet cyclotron for research	Apr. 3	72
Mobile reactor envisioned by Brookhaven's David Ballantine (charts)	June 19	50
Nuclear instrument manufacturers	May 22	58
Nuclear newsmakers from Ill., Mass., and England	Mar. 6	34
Powers of Monsanto argues for fissionable products	June 5	7
Preparing for atomic attack—chemical plant vulnerability (table)	Jan. 2	16
Private atomic plants will soon compete with conventional power	June 5	32
Private enterprise patents in atomic development in Congressional bills	Apr. 24	12
Recovery process needed for reactors	Apr. 10	32
Speculation in uranium mining stocks	June 12	7
Vast increase in usable power from carbonaceous fuels promised by new process	June 26	19
Automaton—Push-button tannery	Feb. 6	70
B:		
Battelle Memorial Institute—Machine age in the library	Mar. 13	74
Batteries—Nickel cadmium battery	Mar. 20	94
Two atomic batteries	Feb. 20	96
Battery additives—Ritchie-FTC advertising claims controversy	June 19	11
Benzene—Distribution pattern from Business and Defense Services Admin.	Jan. 2	45
Bleaches:		
New chemicals can whiten soaps and detergents	June 12	54
New household bleaches	June 19	11
New whiteners for wide range of textile fibers	Apr. 24	68
Optical bleaches enter new fields, detergents, paper and textile	Feb. 27	58
Boramine—motion sickness remedy	Jan. 2	20
Borate—adapted to preparation of coatings	May 1	46
Boric acid—Borax sources, output, consumption	Apr. 3	63
Boron—New boron bond—research by Anton Burg	Feb. 6	50
Business and Defense Services Administration:		
Benzene end-use pattern 1950-1952	Jan. 2	45
Plans for services to industry	Jan. 23	16
Report on preparing for atomic attack—chemical plant vulnerability (table)	Jan. 2	16
Smith, Harold—new director of Chemical & Rubber Div.	Feb. 13	15
C:		
Cables—Italcable's polyethylene-insulated cable, longest ever laid	Feb. 20	22
Calcium—U.S. forced out of metallic calcium market (chart)	Apr. 17	87
Calcium carbide—Government-owned plant for sale	Apr. 10	9
Canada:		
British combine to exploit Canadian market for chrome chemicals	Apr. 17	32
Increased rivalry with U.S. chemical industry	Apr. 10	15
Metallic calcium supplier to the world	Apr. 17	87
SEC proposal would allow Canadian investment companies to offer securities for sale in the U.S.	Mar. 13	26
SEC rules Canadian investment companies can henceforth qualify under Investment Company Act in U.S.	May 8	19
Cancer—azaserine, new tumor-inhibiting antibiotic	Mar. 27	62
Carbon bisulfide—forecast (tables)	Jan. 16	77
Catalysts—Biocatalytic agents help in sewage removal	Apr. 17	72
Caustic soda—Dow ties in Charleston storage facilities with tank shipments from Texas	Mar. 27	103
Cellulose:		
Cellulose acetate butyrate pipe for water lines	May 22	96
Enzymatic treatment of wood pulp	June 19	66
Census programs—to be submitted by Sec. Weeks	Mar. 13	23
Chemical Market Research Assn. meeting	May 19	14
Chemical Progress Week celebrations	May 29	14
Chemical Specialties Manufacturers Assn.—meeting	June 5	58
Survey on insecticides and aerosols (tables)	June 12	60
Chemical Week Reports:		
Alkali metals: launched into a new era	June 26	41
Marshall Sittig	May 15	41
Chemical Progress Week	Jan. 9	24
Drug industry: pause in a miracle climb	Feb. 20	24
Larsen, Abel & Foden		
Chicago Technical Societies Council		

China:			
Embargo policies on trade with Red China.	Apr. 17	18	
Free world exports to communist China (table)	June 5	34	
Hongkong may be losing grip on East-West trade	May 15	18	
Chionee-Kuies on bulk hauling of liquid chlorine defined	Feb. 13	38	
Chlorophyll-Products try for a comeback	Mar. 20	74	
Chrome-British combine to exploit Canadian market for chrome chemicals	Apr. 17	32	
Cigarettes-counteract on "cancer" scare	Jan. 16	48	
No-smoking compounds	Jan. 30	59	
Citric acid diversification	June 26	95	
Cleaners-Silver cleaners	Mar. 6	59	
Coal:			
Coal-carrying pipeline ready for commercialization	May 1	30	
Proper mine drainage helps prevent pollution	Apr. 24	64	
Synthetic fuels from oil shale and coal—new government policy	May 22	19	
Coatings:			
Airplane coatings and hydraulic fluids	June 26	82	
Borate adapted to preparation of coatings	May 1	46	
Coatings review	Mar. 13	103	
Colorizer system	June 19	80	
Gas plating needs new organo metallic compounds	June 19	74	
Gates Engineering's school for distributors' salesmen of rubber coatings	May 15	80	
Gelled coating	Feb. 13	78	
Tolerance on steel	Feb. 6	83	
Porcelain retrospect	Apr. 24	98	
Cobalt hydroxide-Witco chemist handles project from pilot stage to finished product	Mar. 27	60	
Cobalt naphthenate—Nuodex Researchers develop new process	Feb. 13	52	
Columbian-South Africa, new source	Feb. 20	26	
Colorizer Associates convention	June 19	80	
Containers:			
Aluminum containers for shipping	Mar. 20	58	
Drum-tester device	Mar. 27	100	
Impact-shift from glass to cartoned milk containers (chart)	Mar. 6	22	
Lab for filling and testing aerosol packages	Apr. 24	66	
New York City stores glass containers	June 5	52	
Plastic-coated glass container	Apr. 24	68	
Soft drinks in cans	June 19	88	
Contraband goods—reaching Soviet zone	Mar. 6	24	
Controls—Radioactive chemicals controls	May 22	58	
Copper—Australia's Mount Morgan mine	Apr. 24	22	
Canadian deposits stir prospectors	Mar. 20	26	
Corrosion:			
Atlas Mineral Products Corp. lectures on corrosion-resistant products	June 19	57	
Chemical Corrosion Forum meeting	May 15	52	
Corrosion engineer profile	June 5	76	
Vapor-phase rust inhibitors between walls	May 8	88	
Costs—New York port strike causes costly detours	Apr. 10	84	
United States Metals Refining Co. reduces materials handling costs	Apr. 10	48	
Cotton-Insecticide production correlated with weather prediction	Apr. 10	76	
Cresylics—sources and demand (chart)	Mar. 6	55	
Cumene—Phenol from cumene meets with difficulties	Mar. 20	100	

D

DDT—Tale of chemical terror charge that insecticides increase disease	Jan. 2	5	
Defense Department:			
Armed Service Medical Procurement Agency to remain in Brooklyn	May 1	42	
Chemical producers covered by ODM expansion goals may get tax write-offs	May 29	26	
G-gas manufacture for chemical warfare	Apr. 10	30	
Government-industry competition (table)	May 15	20	
H-bomb survival plans for chemical industry	Apr. 17	17	
ODM-nitrogen capacity upped	Feb. 20	87	
Preparing for atomic attack—chemical plant vulnerability (table)	Jan. 2	16	
Research funds reduced	June 12	51	
Dehydration—Humidity nurtures a market	Feb. 13	70	
Dessicants—humidity nurtures a market	Feb. 13	70	
Detergents:			
Amphoteric detergents research	Apr. 24	104	
British report on effects	June 5	58	
Colored synthetic detergents	May 15	64	
Comparative testing in soaps and detergents	Apr. 17	66	
Gross-coupon merchandising practices investigated by FTC	June 26	19	
Low-sudsing detergents being test-marketed	June 19	11	
Methyltaurine process clears way for taurine-based detergents	Mar. 6	44	
Synthetic detergent production grows	Feb. 27	60	
Tallow-based synthetic detergent, Igepon TE-42	Jan. 9	70	

Dicalcium phosphate—capacity mounts, future lies with feed formulators (charts & tables)	Jan. 9	65	
Distribution:			
Aerosol mailing approved	Feb. 20	50	
Aluminum containers for shipping	Mar. 20	64	
Antifreeze distribution problem (charts)	June 26	69	
Benzene pattern from Business and Defense Services Administration	Jan. 2	45	
Bi-State Development Agency's Terminal completed	Mar. 20	68	
Bradley and Baker's Port of Charleston distribution center	Mar. 13	70	
Chemicals-carrying system of barges, Detroit-Chicago	May 22	82	
Churchill asks for trade between Great Britain and Russia	Mar. 20	26	
Dow Chemical has new tanker for East Coast distribution	May 15	86	
Dow ships caustic by sea	Mar. 27	103	
Drug industry: pause in a miracle climb (report) Larsen, Abel & Foden (charts & tables)	Jan. 9	24	
Foreign trade: a fair, fast course (charts)	Jan. 2	34	
Gates Engineering's school for distributors' salesmen of rubber coatings	May 15	80	
German-Soviet trade increasing	Mar. 27	24	
Houston Ship Channel—20 miles of plants (map)	Mar. 27	20	
Marketing shoals ahead	June 12	76	
Mechanical aid for sales brain	May 29	52	
Nation's markets—outlook and consensus	Mar. 27	90	
New York port strike causes costly detours	Apr. 10	84	
Platforming units on West Coast	June 12	7	
St. Lawrence Seaway—chemical makers view outlook with mixed feelings	May 22	74	
St. Lawrence Seaway—probable effect on distribution pattern of U.S. chemical industry	May 15	11	
Sulfuric acid production and consumption (tables)	Feb. 27	84	
Tacoma Chamber of Commerce regulation of carriers on inland waterways	June 5	42	
Traffic manager—an all department, all-level job	Jan. 16	40	
Water-borne transportation of chemicals launched with S. S. Marine Dow-Chem.	Jan. 9	50	
Water routes for chemicals	Mar. 13	11	
Wyandotte Chemicals poll distributors' preferences in product literature	May 10	87	
Drugs			
Alkaloids go synthetic	Feb. 27	75	
Canadian industry plagued by American imports	Jan. 30	11	
Drug industry: pause in a miracle climb (report) Larsen, Abel & Foden (charts & tables)	Jan. 9	24	
Druggists and drug makers prosecuted	Apr. 3	26	
"Fair-trade" battle still on	Mar. 13	36	
Italy's pharmaceutical industry	Jan. 16	28	
Meat packers in pharmaceuticals field	May 1	20	
Medical shipments to Korea	June 26	22	
Notion sickness remedies	Jan. 2	20	
Narcotics data revealed by radioactive carbon dioxide-horticulture research	June 26	66	
Need to allay public resentment of cost of medicines	Apr. 17	78	
1,3,4-oxadiazolones promising in tuberculosis therapy	May 1	44	
Public education campaign on drug costs	May 22	21	
Rumania synthetic medicine production increased	Apr. 17	32	
Sales promotion discussed	Feb. 27	47	
Taste testing of children's medicine (chart)	Feb. 6	52	
Dyes:			
Controversial dyestuffs in drugs and cosmetics	Jan. 30	16	
Optical bleaches for detergent, paper and textile fields	Feb. 27	58	
Prematerialized colors research	May 8	68	
Solution dyeing of synthetic fibers	Feb. 13	42	
Synthetic dyes needed	Apr. 10	41	
Textile chemical and dye makers outlook	May 15	99	

E

"Electronic brain" translates languages	Jan. 30	46	
Engineers & Scientists of America—Combines technical training with labor union zeal	May 15	24	
Enzymes—Enzymatic treatment of wood pulp	June 19	66	
Ethylene—Gulf Oil's Port Arthur plant to be world's largest	Feb. 20	12	
Polyethylene production boosts ethylene (tables)	Feb. 20	87	
Explosions—Bennington disaster and hydraulic fluids	June 26	80	
St. Louis blast: sudden, deadly	June 19	18	
Explosives—Buffalo opposes truck companies applications to transport explosives	Mar. 13	68	
Explosion test case in New York may set pattern	May 1	24	
Exports:			
Application to export surplus butter and cottonseed to Russia	Jan. 23	95	

Canadian drug industry plagued by American imports	Jan. 30	11	
Contraband goods reaching Soviet zone	Mar. 6	24	
Embargo policies on Red China	Apr. 17	18	
Foreign trade: a fair, fast course (charts)	Jan. 2	34	
Free world exports to communist China (table)	June 5	34	
Iceland becomes chemical-exporting nation with Fertilizer Plant, Inc.	Jan. 2	8	
Italian exports rising	Jan. 30	19	
Leveling the tariff barrier	Feb. 20	78	
Relaxation of export controls eases chemical shipments to Latin America	May 8	15	
Stassen reports no curb needed, Russia can't pay (table)	June 5	34	
U.S. chemical companies sales to Communist countries	Feb. 6	16	
F			
Fair Trade Act—Fair trade law contests	May 8	52	
Federal Trade Commission:			
Flammable Fabrics Act problems	May 8	19	
Old "per se" rule out, new policies in	Mar. 27	32	
Fertilizers:			
Asia's fertilizer requirements rise (table)	Jan. 2	9	
Bradley and Baker's Port of Charleston distribution center	Mar. 13	70	
Celanese planning major fertilizer venture	Mar. 13	11	
Chicago turns wastes into fertilizers	Feb. 13	80	
Dicalcium phosphate capacity, future lies with feed formulators (chart & tables)	Jan. 9	65	
Fertilizer manufacturers object to FOA bidding requirements	May 1	59	
Fish market for fertilizers	Jan. 30	79	
Hells Canyon controversy (map)	Feb. 27	16	
Korean plant to be built	Feb. 13	16	
Meat packers in pharmaceuticals field	May 1	20	
Monsanto Chemical develops injection molded plastic aspirator to merchandise liquid fertilizer	May 1	36	
Phosphoric acid applied directly to the soil	June 19	101	
Potash imports from East Germany worry U.S. producers	May 8	30	
Potassium nitrate from the sea—pioneer process	Mar. 13	44	
Producers air complaints	Mar. 6	20	
Sodium molybdate used as micronutrient for fertilizers	May 15	66	
Unloading of explosive fertilizer mixtures—restrictions lifted	Feb. 27	54	
Water is lure for building urea fertilizer plant at Timpson, Texas	May 29	24	
Fibers:			
Carbon bisulfide forecast (tables)	Jan. 16	77	
Comfort research in synthetic fibers	Apr. 10	42	
First International Congress of Man-Made Fibers—Parisians pour plaudits on synthetics	June 26	24	
Flammable Fabrics Act problems	May 8	19	
Hercules pioneering process to make dimethyl phthalate for Canadian industries Ltd's Terylene	Jan. 30	64	
Hydrazine in the fiber field	Feb. 20	94	
Labeling of fabrics as to fiber content proposed	Mar. 13	11	
New whiteners for wide range of textile fibers	Apr. 24	68	
Raincoat for fibers: textile trend	Mar. 6	58	
Solution dyeing of synthetic fibers	Feb. 13	42	
Financial:			
Alien property bills pending before war claims subcommittee	June 12	12	
Australian government offers financial support to boost chemical production	Mar. 27	28	
Bidding for government-owned synthetic rubber plants	June 12	13	
CEA official optimistic on business outlook	June 19	16	
Capital spending geared to long run expected rise in sales (charts)	Apr. 17	22	
Chemical companies to pay \$11 million more in social security contributions	Jan. 30	18	
Chemical company earnings for 1953 (table)	Mar. 6	17	
Chemical industry profits up, sales steady	Feb. 27	15	
Chemical stocks activity (table)	June 5	12	
Cost accounted by American Institute of Chemical Engineers meeting	May 29	64	
Debt financing a growing trend	Jan. 30	19	
Decline due for chemical expansion in second quarter of 1954 (chart)	Apr. 3	24	
Defense Department research funds reduced	June 12	51	
Economic forecast for 1954 stresses confidence	Mar. 13	21	
Eisenhower budget and tax recommendations—chemical highlights (table)	Jan. 30	15	
Farm price-support struggle's effects on chemical concerns	June 5	11	
Forecast: clearing weather (table)	May 8	13	
Government department budgets details	Mar. 13	17	
Halt in downward business trend fails to materialize	May 22	34	
Imperial Chemical Industries, Ltd. plans huge expansion to be financed by loan stock	Mar. 20	24	
Import score for 1953 (table)	Apr. 24	78	

Mallinckrodt Chemical enters open market.	Apr. 3	14
More liberal depreciation policy certain.	June 5	7
Mutual funds' holdings of industrial chemical common stocks (table).	June 12	16
New England chemical plants tapping private sources for capital.	Feb. 20	18
Phillips Petroleum registers fastest growth rate.	Feb. 20	16
President's economic report to Congress brings reassurance to chemical industry.	Feb. 6	16
Refusal of Congress to vote appropriations for basic census studies rebuked by industry experts.	Mar. 20	28
Research expenditures for 1953 for 15 companies (table).	Mar. 20	50
SEC bars 5 Canadian companies from selling stocks in U.S.	June 5	20
SEC proposal would allow Canadian investment companies to offer securities for sale in the U.S.	Mar. 13	26
SEC rules Canadian investment companies can henceforth qualify under Investment Company Act in U.S.	May 8	19
Signs of more industry growth.	May 15	15
Slackened pace of borrowing by chemical companies (table).	May 22	25
Speculation in uranium mining stocks.	June 12	7
Stassen reports no curb needed, Russia can't pay (table).	June 5	34
U.S. investment in Europe and Africa.	May 15	17
West Germany battle to get on road to full convertibility.	June 5	13
Fish-Channelling spawning salmon.	Feb. 13	83
Fertilizers for the fish market.	Jan. 30	79
Florida—Recent and imminent gains in industrial development (map).	June 12	24
Fluorine:		
Anti-fluoridation bill hearings.	June 12	20
Fluoridation bill debated.	June 5	8
Fluoridation controversy's importance for chemical industry.	June 26	32
Fluoridation-in-water opponents launch all-out attack on "mass medication".	Jan. 16	30
Fungicidal activity of fluorine chemicals research.	Apr. 17	62
San Diego votes for fluoridation legislation repeal.	June 19	26
Food-chemicals and the food industry.	Feb. 20	74
Food and Drug Administration:		
Additives get a friend in need.	Jan. 9	13
Controversy over dyestuffs used in drugs and cosmetics.	Jan. 30	16
Food additive legislation.	Feb. 6	15
Further restrictions on FDA's operations are likely.	June 19	15
Insecticides—tolerance standards to be set.	Jan. 23	11
Prosecutes drugists and drug makers.	Apr. 3	26
"Quantitative safe limit"—legislation on chemical food additives.	Jan. 23	11
Formic acid—imports flow, makers from (table).	Jan. 23	89
France:		
Alcohol surplus.	Apr. 10	14
Working conditions in chemical plant.	May 29	18
Fuel:		
Lignite to be used instead of natural gas at Rockdale, Texas smelter.	Feb. 27	41
Natural gas to be shipped by water.	May 8	85
Non-flammable hydraulic fluids.	June 26	80
Rocket propellant research.	June 5	64
Synthetic fuels from oil shale and coal—new government policy.	May 22	19
Vast increase in usable power from carbonaceous fuels promised by new process.	June 26	19
Fungicides:		
Antibiotic compound for fruit trees.	June 5	56
Fungicidal activity of fluorine chemicals research.	Apr. 17	62
Fungicidal seed disinfectants.	May 10	60
G		
Gallate research.	May 29	40
Gasoline:		
Additive sold in cans.	May 1	64
Improved gasolines by Sun Oil Co. and Standard Oil.	Apr. 17	14
New Texas Co. product said to be easy on valves.	Apr. 17	60
Stanolind Oil and Gas investigates Carthage synthetic gasoline plant.	Jan. 2	8
TCP's value discussed.	Jan. 23	80
Tussle over TCP.	May 15	15
Geirger, Marlin G.—role as corporate president.	Apr. 17	22
Germanium—Refining process by Bell Telephone Labs called "zone melting".	Mar. 13	82
Germanium rectifiers for low-voltage operation.	Mar. 20	97
Germany:		
Complaints against tariff walls.	June 26	20
Potash imports from East Germany worry U.S. producers.	May 8	30
Soviet trade increasing.	Mar. 27	24
West German trade still surging.	Jan. 30	16

Glass:		
Glass block insulation for General Electric's new atomic engine test center.	June 19	62
Glass-lined equipment.	Jan. 16	87
Synthetic mica.	May 22	46
Glycerine—Production and outlook (charts & tables).	Jan. 30	73
Glycerine Producers' Assn.—Award Winners for 1953.	Feb. 6	48
Glycol—Eight new benzoic acid esters of polyalkylene glycols.	May 1	46
Great Britain:		
Atomic production for peace.	Jan. 30	66
Churchill asks for increased trade with Russia.	Mar. 20	26
Combine to exploit Canadian market for chrome chemicals.	Apr. 17	32
Coryton oil refinery.	June 12	14
Fire research.	June 26	108
Isotope production laboratories.	June 26	29
Plastics industry outlook.	Jan. 23	22
Plutonium plant completed.	Apr. 17	19
Synthetic rubber expansion plans.	Apr. 17	19

H

Herbicides:		
Hurdles and developments.	Jan. 23	70
Sodium chlorate capacity (chart).	Mar. 20	90
2,4-D and the law.	Mar. 13	103
2,4-D banned in seven Texas counties.	Apr. 17	76
Hydrazine—Fiber field uses.	Feb. 20	94
Hydrocarbons:		
Butadiene plant in Texas proposed by Los Angeles backers.	May 8	16
Olefinic surprise—new chemicals from novel reaction of mono-olefins and hexachlorocyclopentadiene.	June 12	52
Styrene process and plant by Foster Grant Co.	May 1	28
Hydro-electric power:		
Idaho Power vs U.S. Dept. of Interior dams in Hells Canyon controversy (map).	Feb. 27	16
Miller-Capehart bill meets deadlock and delay.	Mar. 20	15
Niagara Falls development hassle.	Feb. 13	62
St. Lawrence River power project.	Feb. 13	23
Hydrogen peroxide:		
Non-electrolytic process.	May 15	52
Powers new British submarine.	Mar. 20	18
Iceland—Fertilizer Plant, Inc. makes		
Iceland a chemical-exporting nation.	Jan. 2	8
Plant for synthesis of ammonium nitrate.	June 26	105
Impact (charts).	Mar. 6	22
Mar. 20-28, Apr. 3-22, Apr. 24-32, June 5-36, June 26-30.	May 15	30
Imports:		
Buy American Act repeal is proposed.	Apr. 24	26
Custom Bureau controversies.	Jan. 9	13
European dyestuff importers win point on Customs Bureau regulations.	Mar. 27	15
Formic acid imports flow, makers from (table).	Jan. 23	89
Import score for 1953 (table).	Apr. 24	78
Imports said to menace batch chemicals makers.	Apr. 24	12
Linde Air Products vs Von Clemm in synthetic gas dispute.	Jan. 2	7
Piquet's study of tariff questions.	Jan. 9	11
Potash imports from East Germany worry U.S. producers.	May 8	30
Protective tariff or low duty on imports problem for U.S. Customs.	Mar. 20	21
U.S. Court of Customs & Patent Appeals.	June 26	21
U.S. forced out of metallic calcium market (chart).	Apr. 17	87
India—Government policy change-over (table).	Jan. 30	20
Industry developments:		
Aircraft and chemical industries.	June 26	86
Allied Chemical & Dye Co. enters chromium chemical field.	June 12	12
Australian government offers financial support to boost chemical production.	Mar. 27	28
Business at Boston: static but healthy (map).	May 22	27
Census programs to be submitted by Sec. Weeks.	Mar. 13	23
Chemical industry output (chart).	Jan. 16	16
Chemical Market Research Assn. meeting centers attention on chemicals' futures.	May 29	14
Chemically bonded nonwoven fabrics boom.	May 8	48
Corporate partnership of E.I. duPont de Nemours and England's Imperial Chemical Industries in Canada and South America to be dissolved.	Mar. 6	18
Du Pont and ICI setup in Argentina, Uruguay, and Brazil.	Feb. 27	11
Fertilizer from the sea.	Mar. 13	44
Food Industry—Atlas Powder aims for new markets.	Feb. 20	74
Government-industry competition (table).	May 15	20
Grace, W.R. & Co.'s twentieth century objective—invasion of chemical industry.	Jan. 16	14
Great Britain's atomic production for peace.	Jan. 30	66

Hercules pioneering process to make dimethyl phthalate for Canadian Industries Ltd.'s Terylene.	Jan. 30	64
Houston Ship Channel—20 miles of plants (map).	Mar. 27	20
India—government policy change-over.	Jan. 30	20
Italy's pharmaceutical industry.	Jan. 16	28
Literature searching by machine at Battelle Memorial Institute.	Mar. 13	74
Manufacturing Chemists Assn.—new home base, new lineup.	Jan. 23	20
Meat packers turn to chemical operations.	May 1	20
Merger trends in chemical industry.	May 8	18
Mexican sulfur—U.S. companies scramble for deposits.	Jan. 23	16
Nation's markets—outlook and consensus.	Mar. 27	90
Nudex Researchers develop new process for making cobalt naphthenate.	Feb. 13	52
Oklahoma beckons to chemical process industries (table).	June 5	16
Overseas expansion efforts by U.S. companies.	May 15	16
Phillips Petroleum—giant, and still growing.	Feb. 20	16
Printed circuits new outlet for chemicals.	Jan. 30	52
Puget Sound area attracts huge chemical industry to serve Pacific Northwest's growing market (map).	Jan. 16	18
Rubber companies concentrate on chemical expansion.	Feb. 13	20
Signs of more industry growth.	May 15	15
Small companies receive loans to stimulate growth.	Mar. 6	21
Synthetic fuels from oil shale and coal—new government policy.	May 22	19
Tall oil expansion.	May 8	78
Titanium Zirconium enters new field.	Mar. 20	22
Vinyl fabric forecast.	Mar. 6	57
West German trade still surging.	Jan. 30	16
Inorganic chemical production down.	Feb. 13	74
Insecticides:		
Antibiotic compound for fruit trees.	June 5	56
Government to compile worldwide statistics.	May 1	12
Dept. of Agriculture publishes "Insect Facts" list.	Apr. 17	78
Fly-killer, Diazinon.	May 8	50
Insecticide-treated crops yield greater.	Apr. 17	76
Legislation for pesticides and food additives.	Feb. 6	15
Malathion in flakes.	May 8	52
Miller pesticide bill.	Mar. 20	24
Olefinic surprise chemicals have exceptional insecticidal activity.	June 12	52
Pesticides smoke bombs parachuted into Central Africa.	Mar. 20	80
Project for wiping out disease-transmitting flies on African Gold Coast.	May 10	64
Research on insecticides.	Jan. 2	26
Sales survey by CSMA (table).	June 12	60
South Africa employs modern pesticides in mass treatment of cattle.	Jan. 30	54
Tale of chemical terror—change that insecticides increase disease.	Jan. 2	5
Tests to determine if M 1960 will cause dermatitis.	May 10	58
USDA Commodity Stabilization Service's Pesticide Situation for 1953-1954.	June 5	92
Velth Chemical—fork trucks on a turnpike.	Jan. 9	58
Weaver prediction as aid in production scheduling of controls for cotton-damaging insects.	Apr. 10	76
Instruments:		
Drum-tester device.	Mar. 27	100
Laboratory apparatus research booming.	Mar. 20	44
Shaping aircraft parts with chemicals.	May 22	102
Standard Oil Development improvises instruments.	Jan. 23	52
Insulation—irradiated polyethylene.	Apr. 3	69
Iron—phenomenal growth of powdered iron.	May 15	100
Isotopes:		
AEC regulations for radio-isotope procurement.	Feb. 6	24
New isotope production laboratories in Britain.	Apr. 24	107
Italy—Heavy gains in chemical industry.	Apr. 3	18
Pharmaceutical industry.	Jan. 16	28
J		
Japan:		
Chemical industry lacks markets.	Feb. 27	24
Drive for Latin American markets.	June 19	22
Hydroponic farm near Tokyo.	June 5	20
Plastic helmet liners inspire other uses.	May 15	18
Plastic preparation treats ancient murals.	June 26	86
Sunbrite back in international competition.	Feb. 6	18
Tariff talks projected.	June 19	15
K		
Ketones—Relief for producers may lie in new solvent and other outlets.	June 5	89
Korea—fertilizer plant to be built.	Feb. 13	16
L		
Labor:		
AFL—CIO chemical unions pledge against raids.	June 26	24

Paints

Acrylics enter the paint market	Jan. 9	42
Airplane coatings and hydraulic fluids	June 26	82
Colorizer system	June 19	80
Decorator specials	Mar. 6	60
Gelcoat paint	Feb. 13	78
Gelcoat paints and water paints	May 22	102
Good reflectance in finish used on Toronto subway ceilings	May 1	64
Government may get out of paint manufacturing business	May 29	10
Lacquer sales decline	June 5	89
Latex-base paint sales still climbing	Mar. 13	97
Orderless paints	Feb. 13	77
Paint sales barometer (chart)	Feb. 20	30
Plastic preparation treats ancient Japanese murals	June 26	86
Protective aircraft paint that doesn't peel at jet speeds	June 5	60
Silicone-base heat-resistant finish for jet engines	Mar. 27	76
Synthetic paint vehicle from Standard Oil Development Co. (New York)	June 19	72
Three-D paint	Feb. 6	56

Paper

Cheaper paper with Midget Fourdrinier (chart)	Mar. 13	66
Enzymatic treatment of wood pulp	June 19	66
Road binder and wind erosion preventive from sulfate cooking liquor from paper mills	June 12	64
Wet strength resins—melamine or urea	Feb. 20	46
Para-xylene—Sincilar Chemicals refinery	Feb. 20	18

Patents

Atomic development by private enterprise in Congressional bills	Apr. 24	12
Eight patents issued to government released for license	Mar. 20	50
Enzymatic treatment of wood pulp	June 19	66
Government-owned patents liberated	May 8	64
Heinz, H.J. Co. settlement in vinegar generator	June 19	21
Illegal licensing ruling by federal court	Apr. 24	42
Linde Air Products vs Von Clemm in synthetic gas dispute	Jan. 2	7
National Aluminum Corp. patent held valid	Apr. 17	30
U.S. Court of Customs & Patent Appeals	June 26	21

Pencils

New plant in Chile	Apr. 17	20
Prostate pencil in royalties battle	May 22	19
Permanent waving—Home permanents' tenth anniversary	May 22	101

Petroleum

Anglo-Iranian Oil statement on recent oil conference in London	Jan. 23	22
Glycerine analysis by sodium periodate method recognized by AOC	June 5	44
Liquidified petroleum gas—upcurve in production and use (chart)	June 12	89
Philippine petrochemical industry started	Jan. 30	18
Precedent set on Iranian oil question	Feb. 13	15
Purifying wastes at petroleum refineries	Apr. 24	64
Tail oil expansion	May 8	78
World's largest companies discuss proposals for splitting up purchase of Persian oil	Jan. 9	16
Phenol from cumene process meets with difficulties	Mar. 20	100
Philippines—Petrochemical industry started	Jan. 30	18

Photocopies

Hells Canyon controversy (map)	Feb. 27	16
Tricresyl phosphate sold in cans	May 1	64
Phosphoric acid applied directly to the soil	June 19	101

Pipes

Cellulose acetate butyrate pipe for water lines	May 22	96
Coal-carrying pipeline ready for commercialization	May 1	30
Nigara Falls pipeline network for chemicals (map)	Jan. 23	61
63-mile pipeline linking Dow's Texas plants with Collegeport-Citrus Grove natural gas field completed	Mar. 27	18
Water conditioner hearings by FTC	June 5	13

Plasticizers

Migration stopper from USDA	Mar. 6	36
Plasticizer removal by extraction paves way for contamination assay	June 12	70

Plastics

Airplane builders turn to chemicals to help develop structural materials	June 26	82
Bell Telephone Laboratories testing plastics for phone cords	Apr. 17	62
Cellulose acetate butyrate pipe for water lines	May 22	96
Chemical industry a potentially big customer for plastic pipes and fittings	Apr. 3	52
Chrysler Corp. plans to use plastic die	Apr. 17	88
Consumer resistance to plastic toys	June 12	18
Dow Chemical launches merchandising program for plastic houseware	Mar. 20	70
Fiber glass reinforced plastic parts for Chevrolet's Corvette	June 19	95
Gas turbine-powered automobile of plastic	Mar. 27	92
Great Britain plastics industry outlook	June 26	29
Mobile reactor envisioned by Brookhaven's David Ballantine (charts)	June 19	50
Monsanto Chemical develops injection molded plastic aspirator to merchandise liquid fertilizer	May 1	36
National Plastics Exposition planned	Mar. 27	104
New polyester foam claimed to be advance over foam rubber	May 15	68
Plastic-china dinnerware controversy	June 19	42

Plastic waste problem	June 12	70
Plastics films study by National Bureau of Standards	May 22	80
Plastic preparation treats ancient Japanese murals	June 26	86
Polyethylene balloon for cosmic ray research	June 19	28
Polyvinyl chloride sheets production by Seiberling Rubber Co.	June 12	66
Quality specifications for vinyl film materials	May 1	40
Radome for Lockheed plane	Jan. 23	72
Reichhold's reinforced plastics school for salesmen and customers	Jan. 30	32
Sixth National Plastics Exposition	June 19	102
Skylights of reinforced plastic	Mar. 20	78
Synthetic snow—plastic shavings may mean year-round skiing for jet planes	Mar. 27	78
Teflon fuel lines for jet planes	Feb. 27	60
Telephone booth roof of polyester resin and fibrous glass	Mar. 6	56
Transparent plastic film use increase (chart)	May 29	70
Tuna lure of plastic	Feb. 20	52
TV antenna	Feb. 27	64
U.S. Navy Neptune bombers have "stinger" tails of fibrous glass	Mar. 13	94
Vinyl film driver for quality	Jan. 16	44
Vinyl film shower curtains	Jan. 23	82
Windows of plastic	Mar. 13	50
Zenith Plastics Co. working on plastic airplanes	Apr. 10	10
Platinum group metals—rarity dramatized by International Nickel's 43-in. cube	Jan. 2	47

Polyethylene

Irradiated polyethylene	Apr. 3	69
Italcable's polyethylene-insulated cable, longest ever laid	Feb. 20	22
Polyethylene balloon for cosmic ray research	June 19	28
Production boosts ethylene output (tables)	Feb. 20	87
Shaving soap that makes shave last longer	June 5	56
Short chain: key to polymer control—research by Du Pont	Feb. 6	44
Polystyrene—Foamed polystyrene in based form	Mar. 13	98
Polyvinyl chloride—Large-size sheets to be produced by Seiberling Rubber Co.	June 12	66

Potash

Israel's exploitation of Dead Sea area potash deposits	June 5	14
Protection against German imports demanded	May 8	30
Potassium nitrate—fertilizer from the sea	Mar. 13	44
Pottery—Plastic-china dinnerware controversy	June 19	42
Poultry petrochemical—Pan American Refining to produce methyl mercaptan	Mar. 13	90

Power

Cadmium sulfide device converts light into electrical energy	June 19	72
Harvey Machine's plans for aluminum production blocked by power problems	Jan. 2	11
Hells Canyon controversy (map)	Feb. 27	16
Hoover commission to hold hearings	Apr. 3	19
Ice-land plant for synthesis of ammonium nitrate is powered by glacier	June 26	105
Meetings highlight power problems in Chicago, Northwest, and Northeast	Apr. 24	10
New lithon Drug Co., Korea, manpower for horsepower	Feb. 13	62
Niagara Falls power controversy	May 8	42
Niagara Falls power development by government opposed by chemical process firms	Apr. 3	13
TVA arguments	Apr. 17	46
Vast increase in usable power from carbonaceous fuels promised by new process	June 26	19
Printed circuits—substitutes for wires	Jan. 30	52

Public Relations

Consolidated Chemical Industries' Houston plant sponsors teen-age baseball team and park	June 19	24
Consumer resistance to plastic toys	June 12	18
Copy control department advocated by CSMA	June 19	86
Drugs costs public education campaign	May 22	21
Employees' labor union newspapers	Mar. 13	22
Fluoridation controversy's importance for chemical industry	June 26	32
Indianapolis chemical men's plan to sell children on American economic system	Apr. 24	21
Inventory maintenance as customer service	May 22	80
Lederle Laboratories' Pearl River plant gets full-time women tour escorts	Jan. 23	18
Need to allay public resentment of cost of medicines	Apr. 17	78
Reichhold's school for salesmen and customers on reinforced plastics	Jan. 30	32
Seattle doctors recommend city council launch educational program to fight air pollution	June 12	7
Technical councils for scientific and professional societies	Feb. 20	24
Telecasts explain chemical industry to Texans	Apr. 10	24
Texas chemical companies encourage community interests	Mar. 27	26
Texas chemical companies sponsor sales at annual stock show	Apr. 3	19
Union-management teamwork for charity	May 8	14
U.S. Rubber Co. method of coping with industrial community relations problem	Apr. 24	101
Water conditioner hearings held harmful to education of public in hard water problems	June 5	13
Womens fashions in chemical plants	Jan. 2	10

Puerto Rico—hydroponic farming	May 29	77
Inducements to attract industry	Apr. 10	18

Pulp

Enzymatic treatment of wood pulp	June 19	66
Lignin-rubber co-precipitates—new plant	June 26	62
Production and consumption of wood pulp	Mar. 13	92

Pumps

British portable gas turbine pumping unit	June 5	82
"Canned" pumps for chemical processors	Feb. 6	64
Pyrite—Australia's Mount Morgan copper mine	Apr. 24	22

R

Radioactivity

Controls for radioactive chemicals	May 22	58
Radioreactive carbon dioxide used in horticultural research	June 26	66
Thulium made radioactive	May 1	45
Rayon—Decline in cellulose acetate rayon output	June 5	89
Rectifiers—germanium rectifiers for low-voltage operation	Mar. 20	97

Research

AEC reactor for Livermore, Calif.	Jan. 16	52
Aerosol package testing lab	Apr. 24	66
Age retarding biochemical products	Mar. 6	32
Ampholytic detergents research	Apr. 24	104
Animal diseases to be studied jointly by Army Chemical Corps and Dept. of Agriculture	Apr. 17	14
Appitude tests for salesmen (charts & tables)	Jan. 23	42
Armour Research Foundation's National Registry of Rare Chemicals—12th anniversary	June 12	52
Atlantic Research Corp.—jet approach to industry	Feb. 20	93
Atomic reactor	Jan. 16	52
Bark research at Pacific Lumber	Feb. 20	96
Battelle Memorial Institute using machines for literature searching	Mar. 13	74
Bell Telephone Laboratories testing plastics for phone cords	Apr. 17	62
Boron bond—research by Anton Burg	Feb. 6	50
British report on effects of synthetic detergents	June 5	58
Cadmium sulfide device converts light into electrical energy	June 19	72
Cancer—new tumor-inhibiting antibiotic, azaserine	Mar. 27	62
Cardiac research at George Washington Univ.	Jan. 30	48
Censuses of manufacturers and business	June 5	32
Comfort research in synthetic fibers	Apr. 10	42
Compound evaluation at new Hercules Powder lab	Apr. 24	70
Controls for radioactive chemicals	May 22	58
Cooperative research by Army and M.W.Kellogg yields new synthetic rubber	Mar. 20	50
Defense Department research funds reduced	June 12	51
Effort to develop potential of epoxies in structural applications	May 1	44
Eight patents issued to government released for license	Mar. 20	50
"Electronic brain" translates languages	Jan. 30	46
Emerging as modern free enterprise gambit	May 15	105
Enzymatic treatment of wood pulp	June 19	66
Erosion preventive	June 12	64
Executives tour Northwest research facilities	May 22	60
Fire research in Britain	May 26	108
Foreign language study discussed at Dow Chemical with students	Feb. 20	18
Fresh water from sea processes	June 12	38
Fungicidal activity of fluorine chemicals research	Apr. 17	62
Gallate antioxidants research	May 29	40
Gas plating needs new organometallic compounds	June 19	74
Germanium refining with "zone melting" process at Bell Telephone Labs	Mar. 13	82
Glycerine Producers' Assn. awards for 1953	Feb. 6	48
Government-owned patents liberated	May 8	64
Government research agencies programs outlined by President Eisenhower	Mar. 27	11
Guide for safety in chemical laboratory	Apr. 17	58
Heat resistance guide from NBS	Feb. 13	46
Hydrazine in the fiber field	Feb. 20	94
Idaho Falls atomic furnace made available to industry on limited basis	June 5	70
Imperial Chemical Industries' new plastics research center	Feb. 13	48
Incentive measures to encourage industrial research	Feb. 13	46
Insecticide and aerosol surveys by CSMA (tables)	June 12	60
Insecticide research	Jan. 2	26
Laboratory apparatus research booming	Mar. 20	44
Little, Arthur D. Inc. new Cambridge research laboratories	June 26	59
Midget cyclotron for research in metals, insulators, semiconductors	Apr. 3	72
Mobile reactor envisioned by Brookhaven's David Ballantine (charts)	June 19	50
1953 research expenditures for 15 companies (table)	Mar. 20	50
Noisiest operations shown by chemical plants survey (chart)	Feb. 27	38
Non-flammable hydraulic fluids	June 26	80
Non-profit research institute reply to unfair competition charges	Feb. 27	71

Major instrument manufacturers	May 22	58	Synthetic rubbers developed at University of Illinois to be tested	June 19	11	Tonic for weak selling from Bert Creamers U.S. chemical companies sales to Communist countries	Mar. 20	58
Oklahoma industrial survey (table)	June 5	16	University of Akron announces over future of its synthetic rubber research facilities	Apr. 17	60	Vinyl film drive for quality	Feb. 6	16
Novel reaction of mono-olefins and hexachlorocyclopentadiene	June 12	52	Rumania—synthetic medicine production increase	Apr. 17	32	Water softeners still take hard selling	Jan. 16	44
Oral approach to intracranial communication	May 29	38	Russia:			Sewage Treatment:	Mar. 13	58
Organic research facilities at Dodge & Slocott	Feb. 20	99	Agricultural chemical production down	Jan. 23	32	Biocatalytic agents help in sewage removal	Apr. 17	72
Partial oxidation of ethylene from natural gas for ammonia production	Feb. 20	62	Churchill asks for increased trade with Soviet bloc	Mar. 20	26	Cleveland sewer explosion causes push for disposal policing	May 22	30
Pilot plant at GE for irradiating polyethylene	Apr. 3	69	East-West trade won't expand in near future (table)	June 5	34	Lawsuits may set precedent in pollution control litigation	June 12	30
Plant growth regulator being tested	June 19	82	German-Soviet trade increasing	Mar. 27	24	Shipping:		
Plastic ball for tuna	Feb. 20	52				Aluminum containers	Mar. 20	64
Plasticizer removal by extraction paves way contamination assay	June 12	70				Bill to remove bulk commodity exception	May 10	82
Polyethylene balloon for cosmic ray research	June 19	28				Bi-State Development Agency's Terminal completed	Mar. 20	68
Polyethylenes—short-chain branching, research by Du Pont	Feb. 6	44				Carbide & Carbon streamlines sample packaging	Feb. 13	36
Premetalized colors	May 8	58				Chemicals-carrying system of barges, Detroit-Chicago	May 22	8
Prognosis for industry research	June 5	74	Safety:			Chlorine—rules on bulk hauling of liquid chlorine defined	Feb. 13	38
Quality control lab at Bensenville plant of International Minerals & Chemical	May 29	62	Cleveland sewer explosion causes push for disposal policing	May 22	30	Cost rise combat	Feb. 13	38
Radioactive carbon dioxide used in horticultural research yields data on narcotics	June 26	66	Fire extinguishers for home market	May 1	61	Dow Chemical has new tanker for East Coast distribution	May 15	86
Readjustment of economic atmosphere for research	Jan. 23	51	Fire research in Britain	June 26	108	Dow ships caustic by sea	Mar. 27	103
Rectifiers—Westinghouse and Bell produce outsize potentials	Mar. 20	98	Flammable Fabrics Act problems	Apr. 17	58	Houston Ship Channel—20 miles of plants (map)	Mar. 27	20
Rocket propellant research	June 5	64	Guide for safety in chemical laboratory	Apr. 17	17	Interstate shipment of flammable fabrics banned	June 5	8
Rutgers Institute of Microbiology dedicated	Jan. 19	68	H-bomb survival plans for chemical industry	Feb. 27	38	Natural gas to be shipped by water	May 8	85
Sales research (chart)	June 9	55	Industrial noise data revealed in survey of chemical plants (chart)	June 5	8	New York port strike causes costly detours	Apr. 10	84
Scholarships support by corporations (table)	May 1	46	Interstate shipment of flammable fabrics banned	June 5	8	Platforming units on West Coast	June 12	7
Silicon transistor program at Philco spotlights purity	Jan. 30	43	National Petro Chemical staggers propane tanks	Mar. 27	48	River freight consolidating service on the Mississippi	June 5	42
Solar furnace tests for super heat-resistant aircraft materials	May 8	64	Non-skid ink	May 8	54	St. Lawrence Seaway—bill signed by Eisenhower	May 22	74
Solution dyeing of synthetic fibers	Feb. 13	42	Plastic windows	Mar. 13	50	St. Lawrence Seaway—viewers view outlook with mixed feelings	May 22	74
Standard Oil Development improvises incomes	Jan. 23	52	Teamwork in Texas City to thwart disaster	Apr. 24	30	St. Lawrence Seaway's probable effect on distribution pattern of U.S. chemical industry	May 15	11
Survey of lab services available to pharmaceutical industry	May 1	46	Testing by deliberate fire disasters	May 22	44	Sargent Barge Line's rust control "Sea-lard" expansion proposed by McClean Trucking	Mar. 6	71
Survey of research executives' hobbies	May 8	62	St. Lawrence Seaway—bill signed by Eisenhower	May 22	22	Tacoma Chamber of Commerce supports S. 3111	June 5	42
Synthetic mica	May 22	46	Chemical makers view outlook with mixed feelings	May 22	74	Water-borne transportation of chemicals launched with S. Marine Dow Chem.	Jan. 9	50
Synthetic rubber research to be supported by RFC until June '55	Apr. 17	13	Probable influence on distribution pattern of U.S. chemical industry	May 15	11	Water routes for chemical distribution	Mar. 13	11
Testing—resilient fire disasters	May 22	44	Securities & Exchange Commission—Revision of general reporting forms	Feb. 20	28	Silicones:		
Tests to determine if M 1960 will cause dermatitis	May 10	58	Selling:			Purity spotlighted by Philco's transfer research program	Jan. 30	43
Thiophenes—new source	Jan. 16	48	Apptitude tests for salesmen (charts & tables)	Jan. 23	42	Silicone-base heat-resistant finish for jet engines	Mar. 27	76
Tobacco Industry Research Committee appoints Little to head health research	June 26	64	Awards by Schenle Laboratories to top salesmen to greater sales	June 5	44	Water-repellent for wool disclosed by Dow	May 1	12
Tobacco Industry Research Committee attack on "cancer" scare	Jan. 16	48	Changing requirements for sales personnel (charts)	Apr. 17	97	Water-repellent for woollens and worsteds	June 5	56
United Carbide & Carbon engages European Research Associates, S.A., of Brussels to carry on overseas research	Jan. 2	26	Chemical company earnings for 1953 (table)	Mar. 6	17	Smoking—no-smoking compounds	Jan. 30	99
U.S. Rubber Co. method of coping with industrial community relations problem	Apr. 24	101	Chemical Week survey of sales managers gets optimistic outlook for 1954	Jan. 2	39	Snow removal compounds—selling slogans	Jan. 16	64
Vast increase in usable power from carbaceous fuels promised by new process	June 26	19	Chlorophyl production try for a comeback "Color Styling" for wall tiles	Mar. 20	74	Soaps:		
Windows hold microfilm printed material	May 1	46	Consumer resistance to plastic toys	June 12	18	Canned shampoo	May 22	111
Wilco Chemical chemists handle projects from pilot stage to finished product	Mar. 27	60	Cross-coupon merchandising practices of soap and detergent makers investigated by FTC	June 26	19	Comparative testing in soaps and detergents	Apr. 17	66
Realms:			Dewey and Almy Chemical Co. plan to unify and increase sales consciousness of employees	May 8	82	Cross-coupon merchandising practices investigated by FTC	June 26	19
Flood due in fumuric?	Apr. 24	94	Dow Chemical appoints home economist as new product consultant	Feb. 13	34	Lithium grease green light (chart)	May 1	35
Impreg for wooden die models	June 5	54	Drug industry: paise in a miracle climb (report) Larsen, Abel & Foden (charts & tables)	Jan. 9	24	Meat packers in soap field	May 20	20
New resin replaces cork liners in some bottle caps	June 12	8	Drug sales promotion discussed	Feb. 27	47	Shaving soap that makes shave last longer	June 5	56
Research effort to develop potential of epoxy in structural applications	May 1	44	Du Pont's Pigments Dept. will sell direct to customers	Jan. 23	44	Society of the Plastics Industry—Cleveland meeting—mobile reactor envisioned by David Ballantine (charts)	June 19	50
Synthetic resin makers predict higher output in 1954	June 26	101	First-quarter sales returns	Apr. 3	13	Sodium—Sodium periodate method of glycerine analysis	June 5	44
Telephone booth roof of polyester resin and fibrous glass	Mar. 6	56	Gates Engineering's school for distributors' salesmen	May 15	80	Sodium chloride—expansion (chart)	Mar. 20	90
Wet strength resins for paper—melamine or urea	Feb. 20	46	Hoezner sales impact	May 20	28	Soil Conditioners:		
Rodenticides—Air shipment to Mindanao	May 1	63	Inventory maintenance—customer service	Mar. 22	80	FTC drafting rules for trade practices in soil conditioner industry	Apr. 24	68
Rubber:			Latex-base paint sales still climbing	Mar. 13	97	Outlook	Jan. 16	61
Bidding on government-owned synthetic rubber plants up for sale	May 29	13	Leavening agent salesmen get balking course at Monsanto	Feb. 13	28	Wind erosion preventive from sulfite cooking liquor from paper mills	June 12	64
Bidding for government-owned synthetic rubber plants	June 12	13	Magnus Chemicals directs its selling approach to railroad operations	Jan. 30	34	Salts:		
Bids on government synthetic rubber plants	June 5	8	Manufacturing Chemists Assn. low-pressure salesmanship	Feb. 6	22	Ketones as solvents	June 5	89
Butadiene rubber expansion plans	Apr. 17	19	Margarine sales aid	Feb. 27	88	TCE stabilizer developed	Apr. 17	74
Butadiene plant in Texas proposed by Los Angeles backers	May 8	16	Monsanto Chemical develops injection molded plastic aspirator to merchandise liquid fertilizer	May 1	36	Toluene retrospect	Apr. 24	98
Chemical expansion of companies puts rubber on sideline	Feb. 13	20	Nation's markets—outlook and consensus	Feb. 20	30	South Africa—Unfolded news uncovered	Feb. 20	26
Cooperative research by Army & M. W. Kellogg yields new synthetic rubber	Mar. 20	50	Paint sales barometer (chart)	Feb. 20	30	Standard Research Institute—Director Hobson replies to unfair competition charges	Feb. 27	71
Finish based on Hercules' Parlon chlorinated rubber used on Toronto subway ceilings	May 1	64	Paper—cheaper paper with Midget Four-drier (chart)	Feb. 6	36	Steel:		
Government-owned synthetic rubber plants competition for purchase plans	Mar. 27	26	Pfizer, Chas. & Co. sales force build-up	Jan. 30	32	Sociedad Mixta Siderurgia Argentina high bidder for Czechoslovak-owned steel mill being sold by U.S. government	May 8	16
Government views rubber market	Jan. 9	68	Reichhold's school for salesmen and customers on reduced plastics	Jan. 9	55	Titanium replacing alloy steel as whirligig	May 29	73
Lignin-rubber co-precipitates—new plant	June 26	62	Research on sales methods (chart)	Jan. 9	55	Tungsten strike in Uganda	Apr. 3	20
Modifications in plan for sale of government-owned synthetic rubber plants	May 8	19	Sales managers' worries—response to CW questionnaire	June 19	104	U.S. Steel Corp.'s new method of analyzing hydrogen	Apr. 24	62
New polyester foam claimed to be advance over foam rubber	May 15	68	Sales-packaging setups at National Paper Box Manufacturers Assn. competition	May 22	78	Stockpiling of critical materials	Feb. 17	13
Philippine plantation rubber decline	May 29	15	Scilling John Smith—Dewey & Almy sales approach	Mar. 6	65	Stockpiling will prop U.S. mining	Apr. 10	13
Production-consumption figures (charts)	May 22	98	Silver cleaner sales down	Mar. 6	59	Submarine—hydrogen peroxide powers new British submarine	Mar. 20	18
Reconstruction Finance issues monthly estimates on rubber production	Mar. 13	32	Snow removal compounds slogans	Jan. 16	64	Sulfur:		
RFC to support synthetic rubber research until June '55	Apr. 17	13	Soil conditioners outlook	Jan. 16	61	Appeals court rules firms must pay taxes on gas-derived sulfur output	May 15	11
Silicone rubber RTV Silastic	Apr. 13	103	Survey of consumer intentions a key to Monsanto sales levels	Apr. 10	9	Freeport Sulphur new strike at Nash dome, Texas	Jan. 16	80
Synthetic rubber plants—production cost profile (table)	Feb. 20	15	Tail oil expansion (chart)	Apr. 8	78	Handling practices discussed by consultant Sewer Schwartz	Mar. 27	44
			Television as sales media for chemical companies (chart)	Mar. 27	97	Japanese sulfur industry back in international competition	Feb. 6	18
						Mexican sulfur—U.S. companies scramble for deposits	Jan. 23	15

Sulfuric Acid

Australian sulfuric acid producers convert to use of pyrites instead of brimstone	Apr. 24	22
Processes for recovery of sulfuric acid from pickling of steel	Apr. 10	56
Production and consumption (tables)	Feb. 27	84
Switches—mercury switches made to order at Boreham, England	Mar. 6	46
Synthetic Organic Chemical Manufacturers Association—Outing-meeting with MCA	June 12	11

T

Tanks:		
National Petro Chemical Tuscola plant features under and above ground storage	Mar. 27	48
Water kettles tested and repaired at American Cyanamid	Apr. 17	48
Tarmin—new synthetic developed for Navy use	May 8	10
Tanning—Austrian synthetic for easy leather tanning	Apr. 17	64
Push-button tannery	Feb. 6	70
Tape—Minnesota Mining & Mfg. vs Technical Tape over pressure sensitive transparent tape	Mar. 20	32
Target	Apr. 10	41
	June 19	66

Tariffs:		
Buy American Act repeal is proposed	Apr. 24	26
Canadian—U.S. chemical industry rivalry	Apr. 10	15
Cease-fire in tariff battle—compromise in order	June 5	11
Chemical Market Research Assn. hears views on tariffs	Mar. 6	13
Elserhower message to Congress follows closely Randall commission recommendations	Apr. 10	13
Elserhower's program on tariffs and international trade does not worry protectionists	May 8	20
German complaints against tariff walls	June 26	20
Imports said to menace batch chemicals makers	Apr. 24	12
Lead and zinc tariff controversy	June 12	12
Leveling the tariff barrier	Feb. 20	78
Linde Air Products vs Von Clemm in synthetic gas dispute	Jan. 2	7
Outlook for tariff negotiations	June 19	15
Piquet's study of tariff question	Jan. 9	11
Potash producers demand protection—worried by imports from Germany	May 8	30
President Elserhower's trade and tariff recommendations	Mar. 20	17
Protectionist lobby proposals	Jan. 23	12
Randall Commission economists' document presents trade policy views	Mar. 27	15
Randall commission report not	Jan. 23	17
Randall report—discord deferred	Jan. 23	15
Tariff showdown postponed	May 29	9
Trade not aid program opposed by chemical industry spokesmen	Apr. 24	32
Transoceanic court skirmishes	Feb. 6	15
U.S. Customs problems—protective tariff or low duty	Mar. 20	21
U.S. Customs Service urges self-help for industry	Feb. 20	17
U.S. Tariff Commission analysis of lead-zinc situation	May 1	11

Taxation:		
Ammonia tax write-off certificates	Apr. 3	10
Appeals court rules firms must pay taxes on gas-derived sulfur output	May 15	11
Bill to offer financial incentive for air pollution control	May 1	23
Chemical companies to pay \$11 million more in social security contributions	Jan. 30	18
Chemical producers covered by ODM expansion goals may get tax write-offs	May 29	26
Cut-the-tax-on-dividends legislation will effect chemical companies	Feb. 20	11
Decreased taxes boost company earnings (table)	May 8	13
Elserhower budget and tax recommendations—chemical highlights (table)	Jan. 30	15
Encouragement of risk capital urged by Du Pont's Crawford Greenwall	May 1	11
Expansion goals checked by ODM	Feb. 27	17
Federal depletion allowance attacked	Apr. 3	13
Kentucky state tax action against manufacturing companies	Mar. 13	38
Louisiana rewrites gas gathering tax law	June 19	11
Omnibus tax revision bill restricts type of business qualified for 14-point reduction	May 1	19
President's program for industry—restrained relief on taxes	Jan. 16	13
Reed bill on excise taxes watched by chemical companies	Mar. 20	15
Republican sponsored federal revenue bill to Senate	Mar. 27	15
Revision of tax laws completed by House Ways & Means Comm.	Mar. 13	34
Senate committee changes in omnibus tax revision bill	May 29	9
Senate committee revising House-approved tax revision bill	May 29	15
State levy on natural gas protested by Louisiana Nevada Gas Co.	May 15	12
Tax revision bill offers relief for business	June 19	21
Texas faces higher tax on natural gas	Mar. 6	22
Texas natural gas gathering tax held invalid by U.S. Supreme Court	Feb. 20	11
Texas state tax on natural gas production to rise	Apr. 24	11

Texas three-fold tax plan on chemical process industries	Apr. 3	19
Trucking taxes	June 5	40
Technical councils for scientific and Engineering societies	Feb. 20	24
Teflon fuel lines for jet planes	Feb. 27	60
Television—Industrial television in the plant	Mar. 13	46
Sales media for chemical companies (chart)	Mar. 27	97

Tenites:		
Carbon bisulfide forecast (tables)	Jan. 16	77
Celanese Corp. withdraws from fabrics	Apr. 17	19
Industry	May 8	48
Chemically bonded nonwoven fabrics boom	May 8	10
Flammable Fabrics Act problems	May 22	88
Orlon underwater fashion show	May 15	99
Outlook for 1954	June 26	24
Parisians pour plaudits on synthetics	Mar. 6	58
Raincoat for fibers: textile trend	June 5	56
Woolens and worsteds can be treated with new silicone water-repellent	May 1	45
Thulium—made radioactive	May 29	13

Tin:		
New Congressional support for continued operation of government-owned tin smelter	May 29	13
Texas City smelter—another problem for RFC	Feb. 27	26
Unique process for recovery of hydrochloric acid used in tin smelting	May 15	50
Tires—Improved nylon cord for tires	Feb. 6	84

Titanium:		
Crane Co. exploits by-products	Apr. 3	9
Du Pont's Pigments Dept. to sell direct to customers	Jan. 23	44
Du Pont to design government plant	Feb. 20	18
Kroll process modifications projected	Apr. 24	12
New plants and process	May 8	9
Replacing alloy steel as whirling	May 29	73
Titanium Zirconium Inc. enters new field with 35,000 lb. production capacity	Mar. 20	22

Tobacco:		
Maleic hydrazide for tobacco spraying	Feb. 6	56
No-smoking compounds	Jan. 30	59
Tobacco Industry Research Committee—Appoints Little to head health research	June 26	64
Counterattack on "cancer" scare	Jan. 16	48
Toothpaste—Chlorophyll producers try for a comeback	Mar. 20	74

Trademarks:		
Firm names use limited by New Jersey and Missouri courts	Apr. 24	42
Merck & Co. wins precedent-setting lawsuit	Apr. 17	30
Owens-Illinois Glass Co. introduces new trademark	Apr. 10	88
Tussle over TCP	May 15	15

Training:		
Carbide and Carbon training programs for unskilled workers	May 8	36
Changing requirements for sales personnel (charts)	Apr. 17	97
Designing a plant manager	Apr. 24	46
Dow Chemical appoints home economist in its educational campaign	Feb. 13	34
Gates Engineering's school for distributors' salesmen of rubber coatings	May 15	80
Indianapolis chemical men's plan to sell children on American economic system	Apr. 24	21
Industry-educational cooperation discussed at AIC meeting	May 29	26
Industry-educational training program at Dow and Georgia Inst. of Technology	Mar. 27	24
Leavening agent salesmen get baking course at Monsanto	Feb. 13	28
Scholarships support by corporations (table)	May 1	46
Shell research personnel training program	Apr. 3	70

Trucks:		
Kentucky trucks must file insurance policies	Mar. 27	104
Rate hikes	June 5	42
"Sea-Land" expansion proposed by McClean Trucking	Mar. 6	71
Trucking taxes	June 5	40
Trucking trends in state legislatures	Apr. 24	86
Victor Chemical ships bulk by trucks	Apr. 3	46
Tugsten strike in Uganda	Apr. 3	20

U

U.S. Army Corps of Engineers—Atomic power reactor to be built for by lowest industrial bidder	Apr. 3	9
---	--------	---

Uranium:		
AEC believes uranium potential high in Florida	Apr. 24	18
AEC permits companies to disclose information on ore production	Feb. 27	18
Canada's uranium hunt turns towards Oka, Quebec	Mar. 6	14
Florida potential high	Apr. 24	18
Mill to be built by Urex Exploration Co. and Combined Metals Reduction Co.	Apr. 24	11
Speculation in uranium mining stocks	June 12	7

Urea:		
Kellogg process licensed from Italy's Montecatini	Feb. 6	69
Water is lure for building area fertilizer plant at Timpon, Texas	May 29	24
Wet strength for paper	Feb. 20	46

V

Vinyl fabric forecast	Mar. 6	57
Vinyl film-drive for quality	Jan. 16	44

W

Water disposal:		
Biocatalytic sewage disposal aids investigated	May 15	12
Chicago turns wastes into fertilizers	Feb. 13	80
Cleveland sewer explosion causes push for disposal policing	May 22	30
Lawsuits may set precedent in pollution control litigation	June 12	30
Mississippi State Supreme Court rules salt water disposal systems exempt from property taxes	Apr. 10	36
Sulfite liquor as roadbinder	May 29	56
Texas Gulf Sulphur's purchase of 30 oil wells to solve waste disposal problems	Jan. 23	18

Water pollution:		
Chemical industry takes lead to abate air and water pollution	Mar. 13	16
Hoover commission to hold hearings	Apr. 3	19
Horse Cave, Ky. peril ends with sale of arsenic trichloride	May 1	19
Mississippi State Supreme Court rules salt water disposal systems exempt from property taxes	Apr. 10	36
Nation's drive against pollution	Jan. 23	26
Plans to extend 1948 Water Pollution Control Act	May 8	10
Proper coal mine drainage helps prevent pollution	Apr. 24	64
Purifying wastes at petroleum refineries	Apr. 24	64
Push against pollution—developments of 1953 and actions to be taken up in 1954	Jan. 23	24
Roadbinder outlet for spent sulfite liquor	Jan. 9	68
Secretary Hobby concerned about protecting water supply from pollution	May 1	18
Two companies find ways to avoid tiffs	Mar. 20	11
Water repellents—Silicone water-repellent for wool disclosed by Dow Coming Corp	May 1	12
Silicone water-repellent for woolens and worsteds	June 5	56

Water supply:		
American Cyanamid signs agreement with Savannah, Ga. for 30-yr use of industrial water	Mar. 20	18
Delaware River lawsuit nears settlement in Supreme Court	May 22	35
Fluoridation-in-water opponents launch all-out attack on "mass medication"	Jan. 16	30
Hoover commission to hold hearings	Apr. 3	19
Rationing of Delaware River water favored by chemical companies re. New York City's petition	Apr. 17	34
Reutilization plans for waste water	Apr. 24	11
Water is lure for building urea fertilizer plant at Timpon, Texas	May 29	24

Water treatment:		
Antifluoridation bill hearings	June 12	20
Chemicals for water—for a potable market, purity (charts)	Feb. 6	77
Evils Mfg.'s water conditioner claims disputed by FTC	Mar. 27	28
Fluoridation bill debated	June 5	8
Fluoridation-in-water opponents launch all-out attack on "mass medication"	Jan. 16	30
Fresh water from sea processes	June 12	38
National Aluminate Corp. patent held valid	Apr. 17	30
San Diego votes for fluoridation legislation repeal	June 19	26
Sea-water conversion plant at Kuwait in Persian Gulf	June 12	40
Water conditioner hearings by FTC	June 5	13
Water softeners still take hard selling	Mar. 13	58
Wax—Brazil's carnauba wax industry enlists help of American chemical engineer	Jan. 2	21
Wire-printed circuits substitutes for wires	Jan. 30	52
Wishbones—new business for N.Y. businesswomen	Jan. 2	22
Wood-impreg for wooden die models	June 5	54
Preservative-treated lumber for new homes	Mar. 20	78

X

Xylene—Fractional crystallization unit to produce p-xylene	Jan. 16	16
Hercules pioneering process to make dimethyl phthalate for Canadian industries Ltd's Terylene	Jan. 30	64

Z

Zinc:		
Stockpiling will prop U.S. mining	Apr. 10	13
U.S. lead and zinc mining industry critical	Feb. 27	87
U.S. Tariff Commission analysis of lead-zinc situation	May 1	11
Zirconium—Titanium Zirconium Inc. enters new field with 35,000 lb. production capacity	Mar. 20	22

Authors Index

Abel, F. K., A. E. Foden & T. F. Larsen
Drug industry: pause in a miracle climb. Jan. 9 24

Company Index

Abbott Laboratories—1953 earnings Apr. 17 20
Treatment plant for wastes Feb. 13 60
Wins suit against pharmacies Apr. 3 26
Aero Metals, Inc.—prepares to build titanium
reduction plant. May 22 22
Air Reduction Co., Inc.—acquires all assets
and business of Colton Chemical Co. May 29 15
Will build vinyl acetate monomer plant at
Calvert City, Ky. May 29 16
Alabama By-Products Corp.—anhydrous
ammonia plant plans Apr. 17 20
Will build anhydrous ammonia plant with
Hercules Powder Co. Apr. 24 18
Allyl Asphalt & Refining Corp.—formed by
Byerlyte Corp. and Allied Materials Corp.
New plant. Jan. 23 15
Allied Chemical and Dye Corp.—acquiring
all outstanding stock of mutual Chemical
Co. June 12 12
Ammonia plant at La Platte in production
Barrett Div.—purchases Artex Roofing Co.
and Williams Roofing Co. June 19 18
General Chemical Div. expands ware-
housing, shipping, packaging setup
General Chemical Div.—Sulfuric acid plant
at Baton Rouge starts production June 26 22
Increasing ammonia production May 15 18
National Aniline Div.—Caprolactum produc-
tion will start soon at Hopewell, Va.
plant. June 19 18
National Aniline Div. new plant for maleic
anhydride and fumaric acid production.
Niagara River petrochemical plant Apr. 24 94
Orange, Texas petrochemical plant Jan. 16 16
Tetradition May 29 14
Polyethylene plant, Buffalo, N.Y., producing
Potassium carbonated plant being built
Apr. 24 18
Sells holdings in Air Reduction Co. to
Southern Natural Gas Co. June 26 22
Solvay Process Division to construct plant
to exploit new peroxide process. May 15 52
To repay loan Jan. 30 18
Alrore Chemical Co.—merger with Gelyy
Chemical Co. May 1 18
Aluminum Co. of America—antitrust suit
settled. May 15 32
Expansion of Mobile, Ala. alumina plant
completed. June 26 22
Hydrated aluminas produced at new plant.
Lignite instead of natural gas at Rockdale,
Tex. smelter. Feb. 27 18
Mobile Alabama Works capacity increased.
3% debentures oversubscribed. June 19 18
Aluminum Import Corp.—antitrust suit settled
American Agricultural Chemical—to sell
company owned houses at Pierce, Fla. Feb. 13 18
American Can Co.—soft drinks in cans
American Cyanamid Co.—calcium cyanamide
for home gardeners May 1 34
Corporation shake-up Jan. 2 7
New chemicals can shatter soaps and
detergents. June 12 54
New Fine Chemicals Div. Jan. 23 18
Offers common stock holders the right to
subscribe to convertible preferred stock.
Signs agreement with Savannah, Ga. for 30
yrs.—use of industrial water. Mar. 20 18
Water kettles repaired. Apr. 17 48
Will sell its titanium dioxide plant in
Gloucester City to New Jersey Zinc Co.
American Drug Products, Inc.—purchasing
common stock of Warner-Hudnut, Inc. June 26 22
American Enka-nylon plant to be expanded
American-Marletta Co.—resin capacity plant
expansion May 1 18
American Pipeline Corp.—petroleum line
from Texas to New Jersey authorized by
ODM. June 26 15
American Potash & Chemical Corp.—borate
adapted to preparation of coatings May 1 46
New look in packaging June 5 40
1953 earnings Apr. 3 16
American Sulphur & Refining Corp.—con-
struction contracts for Nevada refinery
American TCP Corp.—lawsuit against Shell
Tussle over TCP. May 22 22
American Viscose Corp.—discontinues com-
mercial yarn manufacturing at Marcus
Hook, Pa. plant. June 12 14
Anglo-Iranian Oil—statement on recent oil
conference. Jan. 23 22
Archer-Daniels-Midland Co.—purchases resin
division of National Distillers Products
Corp. June 12 14
Argonne National Laboratories—atomic power
reactor to be built. Apr. 3 9
Arizona Chemical—tail oil expansion.
Tail oil plant at Panama City, Fla. to be
expanded. Feb. 6 18
Arizona Gas and Chemical Co.—nitrogen and
helium development. June 19 12
Armour—Research Foundation's National
Registry of Rare Chemicals—12th
anniversary. June 12 52

Ashtand Oil & Refining Co.—high-grade
naphtha, specialty solvents to be
produced. May 22 22
Atlantic Refining Co.—will begin ammonia
production at new plant. May 15 18
Atlas Mineral Products Corp.—lectures on
corrosion-resistant products June 19 57
Atlas Powder—gelled paint. Feb. 13 78
Markets for the food industry. Feb. 20 74
Attagulphus Minerals & Chemical Corp.
proxies received for merger with Edgar
Bros. Co. June 19 18
Baruch Gas and Chemical Co.—files charter
of incorporation Apr. 24 18
Basic Management Inc.—bill introduced by
Senator McCamee to curb its power. May 1 15
Bell Telephone Laboratories—testing
plastics for phone cords. Apr. 17 62
Berlin & Jones Co., Inc.—vapor phase inhibitor
for storing tools and guns. May 29 80
Blaw-Knox Co.—Chemical Plants Div.
awarded contract for modifications of
AEC plant in Idaho. Mar. 27 18
Borden Co.—Chemical Division activities
1953 earnings. Apr. 3 16
Borg-Warner Corp.—Marion Corp. enters
plastics field. Apr. 3 16
British Chrome & Chemicals, Ltd.—combine
to exploit Canadian market for chrome
chemicals. Apr. 17 32
Brush Beryllium Co.—synthetic mica. May 22 46
Burtett Oxygen—argon unit. Feb. 6 18
Buna Chemical Co.—newcomer in furanic
acid production. Apr. 24 94
Canadian Industries Ltd.—abandoning plant
at Windsor, Ont. Apr. 10 10
Division protested by Canadians. Mar. 27 17
Du Pont and ICI move to bisect CIL in
compliance with antitrust judgment. May 8 15
Du Pont and ICI must end their interests. Mar. 6 18
Salt shaft collapses, leaving chemical
plant partly submerged. Mar. 6 20
Canadian Petrofina Ltd.—new units to be
built at Quebec refinery. June 5 14
Carbide and Carbon—damage at West Virginia
plant. June 12 8
Sample streamlining. Feb. 13 36
Solution dyeing of synthetic fibers. Feb. 13 42
Testing by deliberate fire disasters. May 22 44
Training programs for unskilled workers. May 8 36
Carborundum Co.—plans to acquire stock of
American Tripoli. Jan. 30 18
Purchases American Tripoli. Feb. 6 18
Carthage Hydrocol—Stanolind and RFC take
over Brownsville plant. Apr. 3 10
Celanese Corp.—expansion into chemical
field and withdrawal of fabrics industry
New office at Corpus Christi. Apr. 9 57
Planning major fertilizer venture. Mar. 13 11
Year-end earnings. Mar. 27 18
Celanese Mexicana—branching out with pro-
duction of plastics. Jan. 23 30
Chemical Construction—to manage and
operate Calera Mining's cobalt plant. Jan. 30 18
Chemical Enterprises, Inc.—acquires assets
of Gulf Liquid Fertilizer Co. June 19 18
Buys outstanding stock of nine fertilizer
and equipment distributing companies. Apr. 24 18
Chemo Puro Manufacturing Corp.—expands
into agricultural and industrial chemicals
production. May 15 26
Cherry Chemical Co., Inc.—company
incorporated. Apr. 17 20
Chrysler Corp.—plastic die to be used in
production lines. Apr. 17 88
Climax Molybdenum Co.—expansion program
completed, will launch new diversification
program. Apr. 24 18
New North American titleholder. Feb. 6 21
Sodium molybdate used as micronutrient
for fertilizers. May 15 66
Colgate, Palmolive, and Colgate synthetic
detergent. May 15 64
Colonial Tanning Co.—push-button tannery.
Columbia Naval Stores—Negotiating with
Peninsular-Lorton to form Southern Gum
Processing Co. Feb. 27 18
Columbia River Chemicals—plans chemical
and fertilizer plant. June 26 15
Columbia-Southern Chemical—traffic manager,
Frank Moore, all-department all-level job
Columbian Carbon—\$3-million oil process
carbon black plant to be built. Feb. 20 18
Combined Metals Reduction Co.—will build
uranium mill. Apr. 24 11
Commercial Solvents—nitroparaffins expan-
sion at Sterling, La. Feb. 6 18
Commonwealth Engineering Co. of Ohio—gas
plating needs new organo-metallic
compounds. June 19 74
Conoco Chemical—to change its name to Sanco
Industries of Louisiana. Mar. 27 18
Consolidated Chemical Industries—agreement
with four insurance companies. Feb. 27 18
Grant for sulfuric acid facilities. Feb. 20 18
Houston plant sponsors teen-age baseball
team and park. June 19 24
Consolidated Vultee Aircraft Corp.—solar
furnace tests for super heat-resistant
aircraft materials. May 8 64
Continental Blacks, Inc.—high-abrasion
carbon black plant into operation soon.
Continental Sulphur and Phosphate Corp.—
lets construction contracts for Nevada
refinery. May 22 22
Coming Glass Works—glass pipe promotion.
Cornell Chemical—sulfuric acid facilities
expansion completed. Mar. 27 18

Cosden Petroleum—fractional crystallization
unit to produce p-xylene. Jan. 16 16
Crane Co.—by-products exploitation in
titanium venture. Apr. 3 9
Crosby Chemicals, Inc.—expansion program
for refining waste products from pulp and
paper mills. May 1 18
Piscayune, Miss. facilities to be expanded.
Crossed Chemical—tail oil expansion. Mar. 20 18
Crown Central Petroleum—Houdriformer
catalytic cracking unit. Feb. 6 18
Crown Zellerbach—antimerger case filed by
Federal Trade Commission. Mar. 13 15
Erosion preventive research. June 12 64
Paper mill proposed at East Antioch, Calif.
St. Helens Pulp & Paper facilities to be
expanded. Feb. 6 18
Mar. 27 18
Davison Chemical Corp.—marketing shoals
ahead predicted by Norman Hathaway. June 12 76
Merger into W. R. Grace & Co. May 1 18
New Albany, Ind. fertilizer plant opened.
Role of president, Martin G. Geiger. Jan. 23 18
Delaware Chemicals—purchases stock of
Symyx and Syntex Southern. Feb. 6 20
Denver Plastics—TV antenna. Feb. 27 64
Devco & Reynolds Co., Inc.—acquires Hart
and Burns, Inc. May 8 16
Dewey & Almy Chemical—plan to increase
sales consciousness of employees. May 8 82
Selling John Smith. Mar. 6 65
Diamond Alkali—Coming full circle—diversi-
fication into organics. Jan. 9 14
Objects to U.S. Army Corps of Engineers
leasing chlorine-caustic plant at Muscle
Shoals, Ala. Jan. 16 9
Plant "accommodations." Feb. 20 20
Shuts down refractory periclase plant. May 29 10
Two new divisions. Jan. 23 18
Diamond fertilizer—to expand production.
Dow & Olinco—lab for filling and testing
aerosol packages. Apr. 24 66
Dominion Magnesium, Ltd.—prime calcium
supplier to the world. Apr. 17 87
Dow Chemical Co.—acquires Colorado land
through purchase of stock of Columbia
Oil Shale Refining Co. June 12 14
Acquires control of Columbia Oil Shale &
Refining Co. Apr. 3 16
Acquires 85% of stock in Columbia Oil
Shale & Refining Co. Apr. 17 20
Clinic for students. Feb. 20 18
"Color Styling" for wall tiles. Feb. 20 82
Home economist appointed as new product
consultant. Feb. 13 34
Merchandising program for plastic houseware
New tanker for East Coast distribution. Mar. 20 70
May 15 86
Outlying-site transportation of supplies and
personnel. Apr. 3 56
Soda ash plant planned. Apr. 17 20
Texas Div. industry—educational training
program. Mar. 27 24
Textile trend: raincoat for fibers. Mar. 6 58
Waterborne transportation of chemicals
launched with S.S. Marine Dow-Chem. Jan. 9 50
Will build plant to recover magnesium from
sludge. Apr. 24 62
Dow Corning—silicone rubber, RTV Silastic.
Silicone water-repellent for wool. Mar. 13 103
May 1 12
Silicone water-repellent for woollens and
worsted. June 5 56
Dragage Consolidated Mining—lease and
option agreement with Filtrac. Mar. 20 18
Dresser Industries, Inc.—purchases land to
build plant at Tulsa. Apr. 24 18
Duperval Argentina—Du Pont and ICI must
end their interests. Mar. 6 18
Duperval Brazil—Du Pont and ICI must end
their interests. Mar. 6 18
DuPont de Nemours, E.I. & Co.—aerosol
survey. Jan. 2 21
Aerosols. June 12 68
Antitrust cellophane case still pressed by
federal government. May 8 22
Antitrust litigations. May 29 29
Comfort research in synthetic fibers. Apr. 10 42
Corporate partnership with England's
Imperial Chemical Industries in Canada
and South America to be dissolved. Mar. 6 18
Crawford Greenwall urges tax propt to
encourage risk capital. May 1 11
Fungicidal seed disinfectants. May 10 40
Move to bisect Canadian Industries, Ltd.
in compliance with antitrust judgment. May 8 15
Noeprene Craftsmen's Union receives
majority in bargaining rights feud. Jan. 9 13
Set-up in Argentina, Uruguay, and
Brazil. Feb. 27 11
Plymingtons Dept. to sell direct to customers
Plan to sell Deepwater Village houses
dropped. Jan. 9 14
Short chains: key to polymer control. Feb. 6 44
Silicon spotlighted for purity by Philco's
transistor research program. Jan. 30 43
Spruance rayon plant will stay in Rich-
mond. May 1 18
To design titanium plant for government.
Trust-busting boomerang. Feb. 20 18
Wage raises at Chambers Works. Jan. 16 14
Dunlop Rubber Co., Ltd.—synthetic rubber
program. Apr. 17 19
Duquesne Light & Power of Pittsburgh—first
full-scale atomic plant to produce elec-
tric power for utility use. Mar. 20 12
Mar. 27 50
Durez Plastics & Chemicals, Inc.—excavation
started for North Tonawanda, N.Y. plant.
Eastman Kodak—raw materials warehouse under
construction—part of expansion program. May 8 84

Emery Industries—Cincinnati plant has plastic windows	Mar. 13	50	Pielol—from-cumene plant completion date set	Jan. 30	65	Louisiana Nevada Gas Co.—protests increased state levy on natural gas	May 15	12
England's Imperial Chemical Industries—Corporate partnership with E.I. du Pont & de Nemours in Canada and South America to be dissolved	Mar. 6	18	Pioneering process to make dimethyl phthalate for Canadian Industries Ltd.'s Terylene	Jan. 30	64	Louisiana Reliance Corp.—company incorporated	May 8	16
Enjay—foodstuff antioxidant—trialkylphenol	May 29	40	Synthesis process used by Standard Oil of California	Apr. 3	16	Lummus Co., Canada, Ltd.—cracking and hydrosulfurization units started in Quebec	June 5	14
Esso Standard Oil—asphalt plant at Fayetteville, N. C.	Feb. 6	18	Will build anhydrous ammonia plant with The Alabama By-Products Corp.	Apr. 24	18	Mackenzie Chemical Works—formerly Mackenzie and Lang, Inc.	June 5	14
Ethyl Corp.—plant growth regulator being tested	June 19	82	Will lease government-owned Missouri Ordnance Works	Apr. 24	18	Magnus Chemical—selling approach applied to railroad operations	Jan. 30	34
Evil Mfg.—water conditioner claims disputed by FTC	Mar. 27	28	Heyden Chemical Corp.—1953 earnings	Apr. 3	16	Mallinckrodt Chemical Works—enters open market for first time	Apr. 3	14
Water conditioner hearings by FTC	June 5	13	Weights possibilities of internal expansion versus acquisition of companies in related fields	May 8	16	Manhattan Soap Co.—Sweetheart Shampoo with egg	May 22	111
Ferguson, H. K. Co.—contract to mothball Diamond Magnesium Corp. plant	June 19	18	Hilton-Davis Chemical Co.—A division of Sterling Drug Inc.	Apr. 24	38	Matheson Chemical—dry ice cars	May 1	38
Ferro Corp.—acquires patent rights of Peterson Klin Co.	June 5	14	Optical whiteners for wide range of textile fibers	Apr. 24	68	Fertilizer plant at Pasadena, Tex. expansion	Feb. 6	18
Florida Agricultural Supply Co.—introduces flake-lorn insecticide	May 8	52	Holcomb, J. I.—Oakland, Calif. plant for waxes	Feb. 6	18	Morganston ammonia plant has union trouble	Mar. 13	12
Footo Minerals—lithium facilities to be expanded	Mar. 13	18	Hooker Electrochemical Co.—building feed-material plant for AEC	Apr. 10	16	Plans to merge with Olin Industries	Mar. 9	9
To increase capacity	Mar. 6	20	Chlorine, caustic, hydrogen plant completed	Apr. 24	18	Takes over U.S.I. antifreeze personnel	Apr. 17	13
Will redeem outstanding convertible debenture	Apr. 17	20	New plant at Montague, Mich. another link in chemicals distribution chain	Apr. 3	42	McClean Trucking—Sea-Land expansion proposed	Mar. 6	71
Ford Motor Co.—Impreg for wooden die models	June 5	54	Oral approach to intracompany communication	May 29	38	Merac, Inc.—files charter of incorporation	Apr. 24	18
Foster Grant Co., Inc.—new styrene process and plant	May 1	28	Horizons Incorporated—research projects	May 15	105	Merck & Co.—wins trademark infringement lawsuit	Apr. 17	30
Four Corners Uranium—largest mine purchase in U.S. in Bull Canyon area	Jan. 23	18	Hudson Foam Plastics Corp.—new polyester foam claimed to be advance over foam rubber	May 15	68	Metal Hydrides—to build plant in Devers, Mass.	Feb. 6	18
Freeport Sulphur—new strike at Nash dome, Tex.	Jan. 16	80	Hudson Pulp and Paper Corp.—non-skid link on kraft stock	May 8	54	Mid-South Dye & Chemical—incorporated	Feb. 6	18
Repays government loan for nickel plant. To build nickel facilities in Cuba	Feb. 27	20	Humble Oil & Refining Co.—loses in suit regarding Texas' right of inspection of corporation records	May 1	24	Midwest Grain Processing Co.—buys government alcohol-from-grain plant	May 1	12
Year-end earnings	Mar. 27	18				Minnesota Mining & Mfg.—pressure-sensitive transparent tape scrap with Technical Tape continues	Mar. 20	32
Fuller, H. B. Co.—complete third round of industrial adhesive expansion	May 8	16				Mississippi Chemical—Vazoo City, Miss. to sell bonds to back further expansion of company	Mar. 27	18
Gaston Chemicals—new plant for dyestuffs, plastics	Mar. 20	18	Imperial Chemical Industries Ltd.—huge expansion planned, to be financed by loan stock	Mar. 20	24	Mississippi River Fuel Corp.—plans ammonia plant in Missouri	June 26	22
Gates Engineering—school for distributors' salesmen of rubber coatings	May 15	80	Large-scale Terylene synthetic fiber plant Move to bisect Canadian Industries, Ltd. in compliance with antitrust judgment	May 8	35	Mobay Chemical Co.—incorporated in	May 29	16
Geigy Chemical Corp.—Airose Chemical Co. will expand plant facilities	May 1	18	New set-up in Argentina, Uruguay, and Brazil	Feb. 27	11	Molded Fiber Glass Body Co.—fiber glass reinforced plastic parts for Chevrolet's Corvette	June 19	95
Match book advertising awards	Apr. 3	50	1953 sales highest in history	June 12	20	Molded Insulation—plastic skylights	Mar. 20	78
New fly-killer, Diazinon	May 8	50	Research center for plastics	Feb. 13	48	Monolith Cement—considering purchase of government's \$7.5-million alumina plant at Laramie, Wyo.	Feb. 6	18
Geistlich Sons, Ed. Ltd.—chemist A. Wilder Smith discovers chemicals promising for tuberculosis therapy	May 1	44	Synthetic rubber program	Apr. 17	19	Monsanto Chemical—expands pilot-plant facilities	May 8	42
Gelvatex Costings Corp.—split-level housing in new plant	Apr. 3	32	Independent Chemical Corp.—formerly Spellman Chemical Corp.	May 29	16	Expansion and sales	Apr. 3	16
General Aniline & Film Corp.—Antara Chemical Div. introduces tallo-based synthetic detergent, Igepon TE-42	Jan. 9	70	Interchemical Corp.—1953 earnings	Apr. 17	20	Injection molded plastic aspirator developed to merchandise liquid fertilizer	May 1	36
Antara Chemicals Div. nethyllaurine process clears way for turbine-based detergents	Mar. 6	44	Interhandel—denies German control	May 29	30	Lawrence, Richard says imports menace both chemicals makers	Apr. 24	12
High-pressure acetylene derivatives made in new plant	Apr. 24	58	Negotiating for sale of General Aniline & Film to American interests	May 15	11	Leavening agent salesmen get baking course	Feb. 13	28
Interhandel negotiating for sale of GAF to American interests	May 15	11	Suit for interest in General Aniline & Film Corp.	May 22	35	Purchase of government-owned chlorine plant at Muscle Shoals, Ala. to be decided	Mar. 27	18
Remington Rand enters lawsuit over GAF ownership	Apr. 17	30	International Business Machines—"Electronic brain" translates languages	Jan. 30	46	Rodenticide air shipped to Mindanao	May 1	63
Will build chlorinated caustic plant	May 1	18	International Minerals & Chemical—new phosphate chemicals div.	Jan. 30	18	Synthetic rubber program	Apr. 17	19
Will build acetylene-derivatives plant in Calvert City, Ky.	Apr. 17	14	Quality control lab at Bonnie, Fla. plant. Starts production of hydrochloric acid at Carlsbad, N.M.	May 29	62	Texas City research building	Jan. 30	44
General Chemical—Sulfuric acid plant at Baton Rouge now in operation	May 8	16	International Nickel—43-in. cube dramatizes rarity of the platinum group	Jan. 2	47	Morris, Philip, & Co., Inc.—switch from diethylene glycol humectant to triethylene glycol	June 5	8
General Electric—atomic plants will soon complete with conventional power, says Francis McCune	June 5	32	Sponsors chemical corrosion forum	May 15	52	Mycalox Corp.—synthetic mica	May 22	46
Glass block insulation for General Electric's new atomic engine test center	June 19	62	International Petroleum—Charter of incorporation with Chemical Exchange granted	May 27	18			
Pilot plant for irradiating polyethylene	Apr. 3	69	International Research Corp.—files charter of incorporation	Apr. 24	18			
General Mills Inc.—polyethylene balloon for cosmic ray research	June 19	28	Jefferson Chemical Co.—increasing production of ethanalamines	May 22	22	National Aluminate Corp.—water-treatment patent held valid	Apr. 17	30
General Paint Corp.—protective aircraft paint that doesn't peel at jet speeds	June 5	60	Johns-Manville Corp.—synthetic silicates plant to be built at Lampco, Calif.	June 5	14	National Cash Register—carbonless copying paper	Feb. 6	54
General Tire & Rubber Co.—considers making offer for Susquehanna Mills	Apr. 10	16	Jones-Dabney Co.—new chemical research laboratory	May 22	66	National Cylinder Gas—corporate structure simplified	Jan. 22	18
Improved nylon cord for tires	Feb. 6	84	Kellogg, M. W. Co.—ammonia process	Jan. 16	87	To build \$35-million liquid oxygen plant	Mar. 6	20
Gladwin Plastics—telephone booth roof of polyester resin and fibrous glass	Mar. 6	56	Cooperative research with Army yields new synthetic rubber	Mar. 20	50	National Gypsum—to purchase Dominion Asbestos Mines	Mar. 13	18
Gildden Co.—acquires all assets of Mound City Paint & Color Co.	May 22	22	Urea process, licensed from Italy's Montecatini	Feb. 6	69	National Petro-Chemicals Corp.—air pollution controversy	Apr. 10	34
Fire retardant paint	Mar. 6	60	Ketchikan Pulp Co.—production scheduled for this year	Apr. 3	16	Polyethylene facilities at Tuscola, Ill. begun	June 19	18
Naval stores div. additions	Feb. 6	18	Koppers Co.—conflict over plant sites for polyethylene facilities	Feb. 20	18	Temporarily enjoined from dumping wastes into Kaskaskia River	Apr. 10	10
Spreed Texture gives unusual effects	Mar. 6	60	Foam polystyrene in bead form	Mar. 13	98	Tuscola, Ill. plant features blacksmith shop	Mar. 27	18
Goodrich, B. F. Chemical—Union affiliation vote at vinyl chloride plant	Apr. 24	12	Will build new polyethylene plant	May 1	18	Tuscola plant features under and above ground storage	Mar. 27	48
Grace, W. R. & Co.—merger with Davison Chemical Co.	May 1	18	Lab-Quip Manufacturing Co., Inc.—company incorporated	May 8	16	National Starch Products—nonstarch adhesives manufacture	May 29	78
Twentieth century objective-invasion of the chemical industry	Jan. 16	14	Lederle Laboratories—Pearl River plant gets full-time women tour escorts	Jan. 23	18	New England Lime—Neico Metals, Inc. subsidiary is only U.S. calcium supplier	Apr. 17	87
Graco Fertilizer—purchases Calvo Fertilizer	Feb. 6	18	Union office will be across road from plant	May 29	16	Newport Industries—Tall oil expansion	May 8	78
Grain Processing Corp.—buys government alcohol plants	June 5	14	Leslie Salt Co.—developing new tidal salt facilities	May 22	22	New York Shipbuilding Corp.—purchases Devco & Reynolds	June 26	20
Great Lakes Carbon—to mine diamonaceous earth in residential Palos Verdes	Jan. 30	20	Lever Bros.—colored synthetic detergent	May 15	64	Niagara Alkali—Stock doubled	Jan. 30	18
Great Lakes Oil and Chemical Co.—increase in authorized common stock	June 19	18	Lilly, Eli, and Co.—first quarter earnings reports	May 15	18	Ninol Laboratories—salt-free detergent sulfonates made in one step	June 26	15
Great Southern Chemical—Corpus Christi refinery gets plant	Jan. 23	18	Inventory maintenance system	May 22	80	North American Aviation—atomic power reactor to be built	Apr. 3	9
Gulf Oil—iso-octyl alcohol plant	June 26	22	Penicillin royalties battle	May 22	19	Shaping aircraft parts with chemicals	May 22	106
New ethylene unit in Port Arthur, Tex. to be world's largest	Feb. 20	12	Taste panel for testing children's medicines (chart)	Feb. 6	52	Nuclear Magnetic Mining Co.—will build plant near St. Augustine	May 22	22
Port Arthur, Texas plant starts production of iso-octyl alcohol	June 12	8	Linde Air Products Co.—awards contract for silicone plant near Sistersville, W.Va., to Baker and Coombs, Inc.	June 12	14	Nuodex Products—paint additive, Nuosperse	Jan. 23	74
To build new ethylene plant	Feb. 27	18	Synthetic gem dispute with German importer Von Clemm	Jan. 2	7	Researches develop new process for making cobalt naphthenate	Feb. 13	52
			Water supply wells for silicon plant at Long Reach, La. started	Jan. 9	13			
Harvey Machine Co.—aluminum production plans still blocked	Jan. 2	11	Lion Oil Co.—carbon dioxide plant planned	Apr. 17	20	Oldbury Electro-Chemical—expansion of Columbus, Miss. plant	Mar. 20	18
Hercules Powder Co.—anhydrous ammonia plant plans	Apr. 17	20	Liquid Carbonic Corp.—will build carbon dioxide plant in Houston	June 12	14	Sodium chlorate plant expansion	June 26	22
Compound evaluation at new lab	Apr. 24	70	Little, Arthur D. Inc.—Drug industry: pause in a miracle climb (report) Larsen, Abel & Foden (charts & tables)	Jan. 9	24	Olin Industries—assumes responsibility for Alabama Ordnance Works	Feb. 20	18
Finish based on Hercules' Parlon chlorinated rubber used on Toronto subway ceilings	May 1	64	New Cambridge research laboratories	June 26	59	Ecusta Paper plans cellophane plant	Apr. 3	16
						Merger with Matheson Chemical Corp.	May 22	20
						1953 earnings	Apr. 17	20

Olsen, O. L. Co.—contract for construction of natural gas plant	May 22 22	Sargent Barge Line—corrosion control	May 8 18	Thiokol Corp.—research effort to develop potential of epoxies in structural applications	May 1 44
Onyx Oil & Chemical Co.—ordered to pay damages for breach of contract	Apr. 17 30	Schaal, August—shaving soap that makes shave last longer	June 5 56	Union Carbide—research effort to develop potential of epoxies in structural applications	June 5 64
Owens-Illinois Glass Co.—new trademark	May 10 88	Schenley Laboratories—plans to spur salesmen to greater sales	June 5 54	Unipol, Inc.—files to produce plastics and synthetics	Apr. 10 16
P&G—colored synthetic detergent	May 15 64	Scherling Corp.—earnings for 1953	Mar. 20 18	United Chemical Co.—ammonia plant to be built at Timson, Tex.	Mar. 6 20
Pacific Coast Borax—boric acid esters	June 26 15	Seiberling Rubber Co.—large-size polyvinyl chloride sheets to be produced	June 12 66	United Dye & Chemical—acquires controlling interest in Camden Forge	Jan. 9 13
Pacific Lumber—bark extracts and bark-based insulation board	Feb. 20 96	Plastics division organized	Jan. 2 8	United States Chemical Co.—to begin production at mixed fertilizer plant in Springfield, Ark.	May 29 16
Pacific Northwest Pipeline Corp.—authorized by FCC to supply natural gas	June 26 15	To bid on government synthetic rubber plants	Feb. 27 18	Turco Products, Inc.—shaping aircraft parts with chemicals	May 22 106
Pan American Refining—Chemicals Div. to produce methyl mercaptan, poultry petrochemical	Mar. 13 90	Service Supply & Chemical Co., Inc.—company incorporation	May 15 18	Union Carbide—Electro Metallurgical starts commercial production of electrolytic chromium	Apr. 3 16
Methyl mercaptan plant to be built	Mar. 6 20	Shea Chemical Corp.—expansion plan	Apr. 3 18	U. S. Rubber Co.—industrial community relations problem	Apr. 24 101
Parsons & Whittemore—Midget Fourdrinier for cheaper paper (chart)	Mar. 13 66	Shell Chemical Corp.—acquires physical assets of Lac Chemicals, Inc.	June 26 22	U. S. Steel—hydrogen from coke-oven gas	June 26 15
Peck, T. N. & Associates, Inc.—files charter of incorporation	Apr. 10 16	Epoxy resin plant at Houston, Tex.	Mar. 13 18	U. S. Steel—method of analyzing hydrogen	Apr. 24 62
Penn-Rilliton—new plant processes lump coal and coal-tar pitch	June 26 111	Foodstuff antioxidant—butylhydroxytoluene loses property envelopment suit	May 29 40	United States Vitamin—merging two subsidiaries	Mar. 13 18
Pennsylvania Salt Mfg. Co.—industrial Chemical Div. doubles capacity of anhydrous ferric chloride	June 5 14	Reportedly buying out Lac Chemicals, Inc.	Apr. 17 30	Upjohn Co.—bus service for employees	Apr. 10 32
1953 earnings	Apr. 17 20	Shell Development Co.—research personnel training program	June 12 7	Utah Chemical Co.—will build chemical plant in Sanpete County	June 19 18
Penn-Texas Corp.—purchases all outstanding stock of A&B Mining Co.	June 12 14	Shell Oil—lawsuit against American TCP Corp.	Apr. 3 70	Utah Construction Co.—leases Colorado state-owned coal lands	May 15 12
Pest Control, Ltd.—production of new herbicide	Feb. 27 18	Platforming unit at Martinez, Calif.	May 15 15	Utex Exploration—majority stockholders purchase minority holdings	Jan. 2 8
Petroleum Chemical Corp.—plane butyl rubber plant in Louisiana	June 26 22	Phthalic anhydride capacity to be doubled. Three-D paint	June 12 7	Will build uranium mill	Apr. 24 11
Pfizer, Charles & Co.—agrimycin—antibiotic compound for fruit trees	June 5 56	Sherwin-Williams—applies interior paint	Jan. 30 11	Vacuum Refining Co.—new British refinery	June 12 14
Bonamine—new motion sickness remedy	Jan. 2 20	Phthalic anhydride capacity to be doubled. Three-D paint	Jan. 23 18	Veith Chemical—Fresno, Calif. insecticide plant—fork trucks on a turnpike	Jan. 9 58
Fastest-growing sales force	Feb. 6 36	Sinclair Chemical—paraxylene refinery	Feb. 20 18	Vickers Chemical, Ltd.—gasoline additive sold in cans	May 1 64
Pflauser Co.—glass-lined equipment	Jan. 16 87	Smith, T. & H. Ltd.—alkaloids go synthetic	Feb. 27 75	Victor Chemical—ships bulk by truck	Apr. 3 46
Philco Corp.—silicon purity spotlighted by transistor research program	Jan. 30 43	Snell, Foster D.—Richard Moore says technical men are not as scarce as believed	May 1 11	Starts Chicago Heights production headquarters for organic-phosphorus compounds	May 29 16
Phillips Chemical—appeals court rules firms must pay taxes on gas-derived sulfur	May 15 11	Sociedad Mixta Siderurgia Argentina—High bidder for Czechoslovak-owned steel mill being sold by U.S. Government	May 8 16	Virginia-Carolina Chemical Corp.—acquires Cumberland Chemical Co.'s	May 29 16
Fractional crystallization unit to produce p-xylene	Jan. 16 16	New gasoline additive	Apr. 17 60	Hopkinsville, Ky. fertilizer plant	May 29 16
Phillips Petroleum—Grant—and still growing. Hearings end on natural gas controversy with FCC	Feb. 20 16	Southern Cement—new Portland cement plant at Roberts, Ala.	Jan. 9 13	Vitro Corp. of America—merger of Vitro Mfg. and Vitro Corp. of America	Jan. 2 8
Phoenix Laboratories—age retarding biochemical products	Mar. 6 32	Southern Natural Gas Co.—buys holdings in Air Reduction Co.	June 26 22	Vitro Uranium Co.—to increase capacity at Salt Lake City uranium mill	May 29 16
Physiological Chemicals Co.—penicillin royalties battle	May 22 19	Spencer Chemical—ammonia plant at Vicksburg, Miss.	Feb. 13 18	Vogelsang Werke—shaving soap that makes shave last longer	June 5 56
Pittsburgh Coke & Chemical—expansion program	Mar. 13 24	First quarter earnings reports	May 15 18	Warren Petroleum—construction contract for new petrochemical plant	Feb. 13 18
Ventilators for "intermittent fumes"	Jan. 2 17	Starts expansion of nitric acid and ammoniating facilities	May 22 22	Petrochemical plant will be built at Conroe, Tex.	Jan. 2 8
Year-end earnings	Mar. 27 18	To convert preferred to common stock	Feb. 27 18	Washburn T. F. Co.—new thixotropic alkyl paint vehicle	May 22 102
Pittsburgh Consolidation Coal Co.—coal-carrying pipeline ready for commercialization	May 1 30	Spielman Chemical Corp.—name changed to Independent Chemical Corp.	May 29 16	Washington Processing—\$10-million refinery to be built at Tacoma	Jan. 2 8
Prognosis for industry research by Howard S. Turner	June 5 74	Standard Oil of California—detergent-action gasoline	Apr. 17 14	Waterways Terminals Corp.—River Forwarders, Inc.—river freight consolidating service	June 5 42
Pittsburgh Plate Glass Co.—first quarter earnings report	May 15 18	Odorless paint thinner	Apr. 3 36	Watson-Park—merger with Reichhold Chemicals	Feb. 13 18
Pittsburgh Steel—smoke control program	Jan. 23 62	Oronite Chemical Co. prepares for isophthalic plant	May 15 18	West Disinfecting Co.—comparative testing in soaps and detergents	Apr. 17 66
Plastics Supply Corp.—changes name to J.P. Frank Chemical Corp.	June 26 22	Isophthalic plant	May 15 18	West Virginia Pulp and Paper Co.—lignin-rubber co-precipitates—new plant	June 26 62
Pope & Talbot—wood treating facilities purchased	Feb. 6 18	Phenol and acetone production by Hercules Powder Co. process	Apr. 3 16	Western Phosphates—Garfield, Utah phosphate fertilizer plant	Jan. 16 16
Porter H. K. Co., Inc.—acquires Pioneer Rubber Mills, Inc.	June 19 18	Standard Oil Co. (Indiana)—olefinic surprise—new chemicals from novel reaction of mono-olefins and hexachlorocyclopentadiene	June 12 52	Western Pyroret Co.—government magnesium plant to be used in modification of Kroll titanium process	Apr. 24 12
Procter & Gamble—Dash—detergent for automatic washers	May 22 16	Standard Oil Co. (Ohio)—petrochemical activities contemplated	June 12 52	Wheaton Plastics—plastic-coated glass container	Apr. 24 68
Purex Corp.—found not guilty of violating Robinson-Patman Act	May 29 22	Studying possibility of building nitrogen plant in Ohio	May 8 16	Wilson-Keith Pharmaceutical Co.—St. Louis blast: sudden, deadly	June 19 18
Radio Corp. of America—device to convert nuclear radiation to electricity	Feb. 6 48	Research crew improves instruments	June 19 18	Wisconsin Road Chemical—sulfite liquor roadliner	May 29 56
Rayonier Inc.—new plant for pulping extract to be built at Hoquiam, Wash.	Jan. 9 13	Synthetic paint vehicle	Jan. 23 52	Witco Chemical Co.—asphalt production increase	May 1 18
Reichhold Chemicals—phthalic anhydride plant to be built at Elizabeth, N.J.	Mar. 27 18	Standard Sulfur—Portable plant	June 19 72	Expanding activities in Great Britain	May 29 16
Resin plant started	Apr. 3 16	Standard Oil and Gas Co.—gas synthesis facilities to be revamped	Feb. 13 72	Research chemist handles project from pilot stage to finished product	Mar. 27 60
School for salesmen and customers on reinforced plastics	Jan. 30 32	Investigates Carthage synthetic gasoline plant	May 1 18	Wood River Oil and Refining Co.—Will build oil refinery at Calumet City, Ill.	May 22 22
Sells \$1.1 million of preferred stock	Feb. 27 18	Offers RFC proposal on Carthage Hydrocol Takes over Carthage's Brownsville plant	Jan. 2 8	Wyandotte Chemical—barges system, Chicago-Detroit	May 22 82
To enter plasticizer manufacturing business To issue first public annual report	Mar. 6 20	Staufer Chemical—chemical for control of white tip, rice disease	Mar. 13 28	Poll of distributors' preferences in product literature	May 10 87
Remington Rand—enters lawsuit over General Aniline & Film ownership	Apr. 17 30	First quarter earnings reports	Apr. 3 10	Tonic for weak selling from Bert Cremers	Mar. 20 58
Research Products, Inc.—charter of incorporation	May 1 18	Fungicidal seed disinfectants	May 10 60	Zecol Inc.—carburetor cleaning solvent	May 29 83
Reynolds Metals—aluminum reduction plant at Arkadelphia, Ark. completed	Jan. 9 14	Sterling Drug Inc.—Hilton-Davis Chemical, unique position in chemical industry	Apr. 24 38	Zenith Plastics Co.—working on plastic airplane	Apr. 10 10
Contracts to build new dike and strengthen levee	Jan. 30 18	Sullivan Mining Co.—sulfuric acid plant, Kellogg, Idaho—starts production	May 8 16		
Purchases land for aluminum reduction plant expansion	Mar. 6 20	Yearly capacity expanded	June 5 14		
RCF sells its holdings of \$21 million	Feb. 13 18	Sun Construction to build solventless extrusion facilities for Redstone Arsenal, Huntsville, Ala.	Jan. 9 14		
Rhodia, Inc.—buys Du Pont industrial reodorant business	Apr. 17 13	Sun Oil Co.—Improved gasoline	Apr. 17 14		
Rhone-Poulenc Corp.—modern methods	May 29 18	Suppass Petrochemical—purchases Alor Corp	Feb. 16 18		
Richfield Oil—employees' stock-purchase plan before NLRB	Apr. 17 13	Tect, Inc.—TCE stabilizer developed	Apr. 17 74		
Rohm & Haas—enzymatic treatment of wood pulp	June 19 66	Tennessee Products and Chemical Corp.—eight new benzene acid esters of polyalkylene glycols	May 1 46		
Rover Co.—portable gas turbine pumping unit	June 5 82	Stockholders approve company stock and plant purchase proposals	June 12 14		
Rubeloid Co.—acquires Dixie Asphalt Products Corp.	Mar. 20 18	Texaco-Development-Hydrocarbon Research—partial oxidation process to make synthesis gas for ammonia production	Feb. 20 62		
Rust Engineering Co.—rehabilitation of Army Ordnance's Joliet Arsenal	Apr. 10 16	Texas City Chemicals Co.—development and outlook	Jan. 2 6		
Sanitary Container Service Corp.—charter of incorporation by North Carolina	June 5 14	Uranium expansion project	Feb. 13 18		
		Texas Co.—new gasoline additive	Apr. 17 60		
		Texas Gulf Producing Co.—lets construction contract to O.L. Olsen Co. for natural gas plant	May 22 22		
		Texas Gulf Sulphur—earnings for 1953	Mar. 20 18		
		Purchase of 30 oil wells explained	Jan. 23 18		
		Texas International Sulphur Co.—sulfur exploration and development program in Mexico	June 19 18		
		Tetron—adds \$2 per share on stock exchange offer to American Woolen	Mar. 13 18		
		To file stock exchange statement	Feb. 20 18		